AUTHOR INDEX

VOLUME 55, 1983
British Journal of Anaesthesia

ARS = Anaesthetic Research Society papers
CWS = Charles Waterton Symposium papers
C = Correspondence
E = Editorial
R = Book Review

ABBOTT, T. R. Changes in serum calcium fractions and citrate concentrations during massive blood transfusions and cardiopulmonary bypass 753
ABDULLAH, N. B. *see* COLLETT, B. J., (*ARS*) 914P
ABERNETHY, D. R. *see* GREENBLATT, D. J. 985
ACCOUSH, M. E. A. *see* BEATTY, P., (*ARS*) 243; KAY, B. 1239
ACHOLA, K. *see* DERBYSHIRE, D. R. 855; VATER, M. 357
ADAM, H. K., BRIGGS, L. P., BAHAR, M., DOUGLAS, E. J. and DUNDEE, J. W. Pharmacokinetic evaluation of ICI 35868 in man. Single induction doses with different rates of injection 97
ADAM, H. *see* MAJOR, E. 371
ADAMS, A. P. and HAHN, C. E. W. *Principles and Practice of Blood Gas Analyses*, (*R*) 365
ADAMS, A. P. *see* BENNETT, M. R., (*ARS*) 906P
ADCOCK, D. K. *see* BREADY, L. L., (*C*) 1040
AGOSTON, S. *see* d'HOLLANDER, A. A. 131; FOLDES, F. F. 975
AHUJA, B. R. Analgesic effect of intrathecal ketamine in rats 991
AITKENHEAD, A. R., VATER, M., COOPER, C. M. S. and SMITH, G. Pharmacokinetics of single dose i.v. morphine in normal volunteers and patients with end stage renal failure, (*ARS*) 905P
ALBAN, J. C. *see* PHILBIN, D. M. 131S
ALEXANDER, J. I. *see* SEAR, J. W. 319
ALI, H. H., SAVERESE, J. J., BASTA, S. J., SUNDER, N. and GIONFRIDDO, M. Evaluation of cumulative properties of three new non-depolarizing neuromuscular blocking drugs BW A444U, atracurium and vecuronium 107S
ALI, H. H. *see* BASTA, S. J. 105S
ALIMO, E. B. *see* FOSTER, J. M. G. 687
AL-KHUDHAIRI, D. *see* WHITWAM, J. G. 773
ALLEN, D. E. Charles Waterton: conservationist, (*CWS*) 230
ALLEN, M. C. *see* PORTER, E. J. B. 325
ALPERT, M. *see* VULLIEMOZ, Y. 79
AMARANTH, L., LAVIN, T. J., TRUSSO, R. A. and BOUTROS, A. R. Evaluation of creatinine phosphokinase screening as a predictor of malignant hyperthermia. *A. Prospective Study* 531
ANDA, O. *see* VAZEERY, A. K. 783
ANDRADE, P. A new interpretation of the origin of extradural space negative pressure 85
ANDREASEN, F. *see* CHRISTENSEN, J. H. 33; 391
ANDREWS, C. J. H., SINCLAIR, M., PRYS-ROBERTS, C. and DYE, A. Ventilatory effects during and after continuous infusion of fentanyl or alfentanil 211S
ANGER, C. *see* PUCHSTEIN, C. 443
ARENDT, R. M. *see* GREENBLATT, D. J. 985
ARMSTRONG, R. F. *see* HENDERSON, A. M. 791
ARNOULD, F. *see* PINAUD, M. 507
ASBURY, A. J. *see* CARTER, R. T., (*ARS*) 916P
ASKITOPOULOU, H., WHITWAM, J. G., SAPSED, S. and CHAKRABARTI, M. K. Dissociation between the effects of fentanyl and alfentanil on spontaneous and reflexly evoked cardiovascular responses in the dog 155
ASKITOPOULOU, H. *see* WHITWAM, J. G. 1017
ASRANI, R. V. *see* SIDHU, M. S. 473
ASTLEY, B. A., HUGHES, R. and PAYNE, J. P. Recovery from neuromuscular blockade following alcuronium administration, (*ARS*) 1164P
ASTLEY, B. *see* BURTLES, R. 275
AULAKH, J. M. *see* MORGAN, B. M. 885
AUN, C. and MAJOR, E. Cardiovascular effects of ICI 35 868 in patients with aorta valve disease, (*ARS*) 909P
AUN, C. *see* MAJOR, E. 371
AUSEMS, M. E. and HUG, C. C., jr. Plasma concentrations of alfentanil required to supplement nitrous oxide anaesthesia for lower abdominal surgery 191S
AVELING, W. *see* HAWKINS, S. S., (*ARS*) 1161P

BAGGE, L. *see* MODIG, J. 625
BAHAR, M. and ROSEN, M. Chronic cannulation of the extradural or subarachnoid space in the rat, (*ARS*) 250P; Cocaine, lignocaine or bupivacaine for spinal analgesia without muscle paralysis in the rat, (*ARS*) 243P
BAHAR, M. *see* ADAM, H. K. 97
BAIN, J. A. *see* SPOEREL, W. E., (*C*) 1039
BAIRD, W. L. M. and KERR, W. J. Reversal of atracurium with edrophonium 63S
BAKER, A. B. and RESTALL, R. Changes in residual volume following oxygen breathing 817
BALFOUR, T. W. *see* HEALY, T. E. J., (*C*) 1041
BALI, I. M. *see* MIRAKHUR, R. K. 119
BARAKA, A., DAJANI, A. and MAKTABI, M. Selective contralateral bronchial intubation in children with pneumothorax or bronchopleural fistula 901
BARKER, J. P. *see* MORGAN, B. M. 885
BARNES, J. *see* MARSLAND, A. R. 555
BARNES, P. K., THOMAS, V. J. E., BOYD, I. and HOLLWAY, T. Comparison of the effects of atracurium and tubocurarine on heart rate and arterial pressure in anaesthetized man 91S
BARROS, S. The subdural space, (*C*) 1043
BARSA, J. *see* KIRCHA, S. 549; 719
BASSELL, G. M. *see* SIDHU, M. S. 473
BASTA, S. J., SAVARESE, J. J., ALI, H. H., MOSS, J. and GIONFRIDDO, M. Histamine releasing potencies of atracurium, dimethyl tubocurarine and tubocurarine 105S
BASTA, S. J. *see* ALI, H. H. 107S
BATEMAN, P. E. *see* NAVARATNARAJAH, M., (*ARS*) 1157P
BAURY, A. *see* NITENBERG, A. 1179
BEATTY, P., KAY, B., HEALY, T. E. J., ACCOUSH, M. E. A. and CALPIN, M. The additional work of breathing imposed by three anaesthetic breathing circuits, (*ARS*) 243P
BEATTY, P. C. W. *see* KAY, B. 1239
BEELEY, J. M., CROW, J., LYNCH, R. D., MINTY, B. D. and JONES, J. G. Methylprednisolone for acute inhalation

lung damage, (*ARS*) 249P
BELLMAN, M. H. *see* McLAREN, I. F. 1001
BENNETT, M. R., HOUSE, F. R., PEARCE, A. C., JONES, R. M. and ADAMS, A. P. Morphine kinetics during anaesthesia; i.v. bolus and infusions, (*ARS*) 906P
BENUMOF, J. L. *see* MEDAK, R. 361
BERGGREN, L., ERIKSSON, I., MOLLENHOLT, P. and WICKBOM, G. Sedation for fibreoptic gastroscopy: a comparative study of midazolam and diazepam 289
BERGMAN, N. A. *see* HENEGHAN, C. P. H., (*ARS*) 248P
BERRY, M. *see* JONES, J. G., (*ARS*) 245P
BERTOL, E. *see* NOVELLI, G. P. 997
BEST, N., TEISNER, B., GRUDINSKAS, J. G. and FISHER, M. M. Classical pathway activation during an adverse response to protamine sulphate 114P
BEVAN, D. R. *see* FUTTER, M. E. 947
BICHARD, A. R. and LITTLE, H. J. Differential effects of the benzodiazepine antagonist Ro 15-1788 on the "general anaesthetic" actions of the benzodiazepines, (*ARS*) 912P
BISHOP, V. A. and PAYNE, J. P. Arterial cannulation in clinical research, (*ARS*) 1156P
BLACHET, F. *see* NITENBERG, A. 1179
BLACK, A. M. S. *see* EL-HASSAN, K., (*ARS*) 1158P; HUTTON, P., (*ARS*) 918P; SCOTT, I. L. 559
BLASZCYK, B., HARRISON, K., JAKUBOWSKI, J. and FORREST, A. R. W. Intraoperative and postoperative CSF acid–base changes in relation to the outcome of patients with SAH (subarachnoid haemorrhage), (*ARS*) 1161P
BLUNDELL, M. D. *see* MERRIFIELD, A. J., (*ARS*) 1155P
BLUNNIE, W. P., McILROY, P. D. A., MERRETT, J. D. and DUNDEE, J. W. Cardiovascular and biochemical evidence of stress during major surgery associated with different techniques of anaesthesia 611
BOITIER, J. F. *see* GAUDY, J. H. 977
BOOIJ, L. H. D. J. *see* FRAGEN, R. J. 433; 1077; ROBERTSON, E. N. 125; 723; (*C*) 1043
BORG, T. *see* MODIG, J. 625
BOROS, M. *see* FOLDES, F. F. 97S
Du BOULAY, M. *see* READ, D. H., (*ARS*) 239P
BOURKE, D. L. *see* WILLIAMS, J. P., (*ARS*) 912P
BOUTROS, A. R. *see* AMARANTH, L. 531
BOVILL, J. G., SEBEL, P. S., WAUQUIER, A., ROG, P. and SCHUYT, H. C. Influence of high-dose alfentanil anaesthesia on the electroencephalogram: correlation with plasma concentrations 199S
BOVILL, J. *see* RICHARD, L. C. 869
BOYD, I. *see* BARNES, P. K. 91S
BOYS, E. Failed intubation – transtracheal ventilation, (*C*) 1041
BOYS, J. E. Failed intubation in obstetric anaesthesia. *A case report* 187
BRAAK, G. J. J. *see* FRAGEN, R. J. 1077
BRADSHAW, E. G. *see* GREENWOOD, B. K. 933
BRAGE, D. *see* CAMINOS, L. 1103
BRAIN, A. I. J. The laryngeal mask – a new concept in airway management 801; the laryngeal mask – a new concept in management of the airway, (*ARS*) 913P
BRANDOM, B. W., RUDD, G. D. and COOK, D. R. Clinical pharmacology of atracurium in paediatric patients 117S
BRANDT, L. *see* POKAR, H. 139S
BREADY, L. L., SWARTZMAN, S., ADCOCK, D. K. Failed intubation – transtracheal ventilation, (*C*) 1040
BRICK, I. *see* O'BOYLE, C. 349
BRIGGS, L. P. *see* ADAM, H. K. 97
BRISTOW, A. B. *see* GREEN, D. W., (*ARS*) 1163P
BROWN, D. T. *see* McCLURE, J. H., (*ARS*) 247P; 1089
BROWN, R. A. *see* ROBERTSON, A. J. 339
BROWNE, E. S. *see* FERRES, C. J. 735
BRUCE, D. L. and CAPAN, L. Antidepressants do not increase the lethality of ketamine in mice 457
BRUCE, D. L., KATZ, S. E., TURNDORF, H., TROUNSTINE, P. and HARDESTY, A. Psychometric comparisons of trainees and consultants in anaesthesia and psychiatry 1259
BRUIJN, DE N. P. *see* LANGE, DE S. 183S
BRUNI, G. *see* RIGAMONTI, G. 513
BRYSON, T. H. L. *see* TIND, G. S. 743
BÜLLER, H. R. *see* RICHARD, L. C. 869
BULLINGHAM, R. E. S. *see* MOORE, R. A. 429
BURLINGHAM, A. N., JOHANNSON, G. and PEDERSEN, P. E. Positive airway pressure therapy and cardiac output, (*ARS*) 244P
BULLINGHAM, R. E. S. *see* PORTER, E. J. B. 325
BURKE, J. F. *see* MATHIEU, A., (*R*) 366
BURTLES, R. and ASTLEY, B. Lorazepam in children. *A double-blind trial comparing lorazepam, diazepam, trimeprazine and placebo* 275
BUSH, G. H. Suxamethonium-associated hypertonicity and cardiac arrest in unsuspected pseudohypertrophic muscular dystrophy, (*C*) 923
BUSH, G. H. *see* NIGHTINGALE, D. A. 115S
BUSHMAN, J. A. *see* CUSHMAN, J., (*ARS*) 240P

CALPIN, M. *see* BEATTY, P., (*ARS*) 243P; KAY, B. 1239
CALVERLEY, P. M., CARMICHAEL, G. L. M. and SCOTT, D. B. Effects of alaproclate and morphine on the ventilatory response to carbon dioxide in normal man 843
CALVERLEY, R. K. *see* PRYS-ROBERTS, C. 105
CALVEY, T. N., MACMILLAN, R. R., WEST, D. M. and WILLIAMS, N. E. Electromyographic assessment of neuromuscular blockade induced by atracurium 57S
CALVEY, T. N., MILNE, L. A., WILLIAMS, N. E., CHAN, K. and MURRAY, G. R. Effect of antacids on the plasma concentration of phenoperidine 535
CALVEY, T. N. and WILLIAMS, N. E. *Principles and Practice of Pharmacology for Anaesthetists*, (*R*) 1046
CALVEY, T. N. *see* MISHRA, P. 897; WILLIAMS, N. E. 27
CAMPBELL, D. *see* MADSEN, S., (*ARS*) 910P; THOMSON, I. A. 1231
CAMPBELL, I. T., MORTON, R. P., COLE, J. A., RAINE, C. H., SHAPIRO, L. M. and STELL, P. M. Comparison of the effects of continuous and discontinuous a Nasogastric feeding on metabolic rate and nitrogen balance after major surgery, (*ARS*) 1160P
CAMPBELL, W. I. Failed intubation in obstetric anaesthesia, (*C*) 1040
CAMPINOS, L., DUVAL, G., COUTURIER, M., BRAGE, D., PHAM, J. and GAUDY, J. H. The value of early fibreoptic bronchoscopy after aspiration of gastric contents 1103
CAMPIONE, O. *see* RIGAMONTI, G. 513
CAMU, F. *see* RUCQUOLI, M. 223S
CAPAN, L. *see* BRUCE, D. L. 457
CARLSSON, C. *see* MAGNUSSON, J. 405
CARMICHAEL, G. L. M. *see* CALVERLEY, P. M. 843
CARRIE, L. E. S. and SIMPSON, P. J. *Understanding Anaesthesia*, (*R*) 1275
CARSON, I. W. *see* FERRES, C. J., (*ARS*) 915P; KAWAR, P., (*ARS*) 915P
CARTER, R. T. and ASBURY, A. J. Heart rate variability and anaesthesia, (*ARS*) 916P
CATE, J. W. ten, *see* RICHARD, L. C. 869
CATLEY, D. M. *see* HENEGHAN, C. P. H., (*ARS*) 248P; ROYSTON, D., (*ARS*) 917P; THORNTON, C. 479
CAWOOD, A. *see* COOKE, J., (*CWS*) 225
CECIL GRAY, T. Exciting and dangerous days, (*CWS*) 227
CHAKRABARTI, M. K. and WHITWAM, J. G. A new valveless all-purpose ventilator. *Description and laboratory evaluation* 1005
CHAKRABARTI, M. K. *see* ASKITOPOULOU, H. 155; POWER, S. J. 837; WHITWAM, J. G., (*ARS*) 235P; 1017
CHAMBERS, W. A., MOWBRAY, A. and WILSON, J.

Extradural morphine for the relief of pain following Caesarean section 1201
CHAN, K. *see* CALVEY, T. N. 535; WILLIAMS, N. E. 27
CHANARIN, I. *see* SHARER, N. M. 693
CHAPPLE, D. J. and CLARK, J. S. Pharmacological action of breakdown products of atracurium and related substances 11S
CHAPPLE, D. J., CLARK, J. S. and HUGHES, R. Interaction between atracurium and drugs used in anaesthesia 17S
CHAPPLE, D. J. *see* NEILL, E. A. M. 23S
CHESTNUTT, W. N. *see* ELLIOTT, P., (*ARS*) 1159P
CHMIELEWSKI, A. *see* DERBYSHIRE, D. R. 855
CHRÆMMER-JØRGENSEN, B. *see* KLAUSEN, N.-O. 297
CHRISTENSEN, F. R. and LUND, J. Accidental dural puncture: immediate or delayed blood patch 89
CHRISTENSEN, J. H., ANDREASEN, F. and JANSEN, J. A. Thiopentone sensitivity in young and elderly women 33
CHRISTENSEN, J. H., ANDREASEN, F. and KRISTOFFERSEN, M. B. Comparison of the anaesthetic and haemodynamic effects of chlormethiazole and thiopentone 391
CLARK, J. M. and SEAGER, S. J. Gastric emptying following premedication with glycopyrrolate or atropine 1195
CLARK, J. S. *see* CHAPPLE, D. J. 11S; 17S
CLARKE, R. S. J. *see* FERRES, C. J. 735; FERRES, C. J., (*ARS*) 915P; KAWAR, P., (*ARS*) 915P; MIRAKHUR, R. K. 119
CLEATON-JONES, P. *see* VIEIRA, E. 67
CLEMENTS, J. A. *see* GRANT, I. S. 1107
COATES, A. L. *see* MEAKIN, G. 487
COHEN, A. T. *see* KAY, B. 165S
COKER, G. G. *see* STENLAKE, J. B. 3S
COLE, J. A. *see* CAMPBELL, I. T., (*ARS*) 1160P
COLE, P. V. *see* EVANS, S. F., (*ARS*) 909P; VESEY, C. J., (*ARS*) 906P
COLLETT, B. J., ABDULLAH, N. B., VERGANI, D. and WARE, R. J. Complement activation during cardiopulmonary bypass, (*ARS*) 914P
COLLIER, P. S. *see* ELWOOD, R. J., (*ARS*) 241P
CONDON, H. A. Waterton Symposium, (*C*) 1041
COOK, D. R. *see* BRANDOM, B. W. 117S
COOKE, J., CAWOOD, A., CROSSLEY, A. and ELLIS, F. R. Wourali: analysis and bioassay, (*CWS*) 225
COOKSON, R. F., NIEMEGEERS, C. J. E. and VANDEN BUSSCHE, G. The development of alfentanil 147S
COOLEY, J. *see* McLAREN, I. D. 1001
COOPER, C. M. S. *see* AITKENHEAD, A. R., (*ARS*) 905P
COOPER, G. M., O'CONNOR, M., MARK, J. and HARVEY, J. Effect of alfentanil and fentanyl on recovery from brief anaesthesia 179S
CORALL, I. M. *see* TWOHIG, M. M. 87S; WARD, S. 113
CORMACK, R. S. and LEMANE, J. Simulating difficult intubation, (*ARS*) 1155P
COTTON, B. R. *see* FELL, D., (*C*) 256; HUNT, P., (*ARS*) 1155P; MAGNI, V. C. 1095
COUPER, J. L. *see* MILLER, D. M. 569
COUTINHO, P. *see* FRANK, M., (*ARS*) 910P
COUTURIER, M. *see* CAMPINOS, L. 1103
CRAIG, H. J. L. *see* FERRES, C. J. 735
CRAWFORD, J. S. *Current Reviews in Obstetrics and Gynaecology. Obstetric Anaesthesia and Analgesia*, (*R*) 1048
CROSS, J. A. *see* MERRY, A. F. 303
CROSSLEY, A. *see* COOKE, J., (*CWS*) 225
CROW, J. *see* BEELEY, J. M., (*ARS*) 249P
CROWTHER, A. *see* WILLATTS, D. G. 399
CRUL, J. F. *see* FRAGEN, R.-J. 433; 1077; ROBERTSON, E. N. 125; 723; (*C*) 1043
CUMMINGS, M. F., RUSSELL, W. J. and FREWIN, D. B. Effects of pancuronium and alcuronium on the changes in arterial pressure and plasma catecholamine concentrations during tracheal intubation 619
CUNNINGHAM, A. J., McKENNA, J. A. and SKENE, D. S. Single injection spinal anaesthesia with amethocaine and morphine for transurethral prostatectomy 423
CUNNINGHAM, B. *see* TODD, J. G., (*ARS*) 241P
CURNOW, J. S. H. *see* LOW, J. M., (*ARS*) 1157P
CUSCHIERI, R. J., MORRAN, C. G. and McARDLE, C. S. Assessment of transcutaneous electrical nerve stimulation (TENS) for postoperative analgesia following abdominal surgery, (*ARS*) 1162P
CUSHMAN, J. and BUSHMAN, J. A. The semi-automated production of anaesthetic records, (*ARS*) 240P
CUVELIER, F. *see* d'HOLLANDER, A. A. 131

DAJANI, A. *see* BARAKA, A. 901
DALE, O., NIELSEN, K., WESTGAARD, G. and NILSEN, O. G. Drug metabolizing enzymes in the rat after inhalation of halothane and enflurane. Different pattern of response in liver, kidney and lung and possible implications for toxicity 1217
DARDEL, VON O., MEBIUS, C., MOSSBERG., T. and SVENSSON, B. Fat emulsion as a vehicle for diazepam. A study of 9492 patients 41
DARRAGH, A. *see* O'BOYLE, C. 349
DASH, H. H. and GODE, G. R. Blunt trauma to the cervical portion of the trachea. *A case report* 1271
DAUTHIER, C. *see* GAUDY, J. H. 977
DAVIES, J. R. *see* PRYS-ROBERTS, C. 105
DAVIES, W. L. *see* WELLER, S. F., (*ARS*) 913P
DAVIS, M. *see* NEUBERGER, J. 15
DAVIS, P. D. *see* PARBROOK, G. D., (*R*) 1047
DAYAN, A. D. *see* SKARPA, M. 27S
DEARDEN, N. N. *see* MOSS, E. 1083
DEERY, A. *see* FOLDES, F. F. 31S
DENTAN, M. *see* FISCHLER, M., (*C*) 920
DERBYSHIRE, D. R., CHMIELEWSKI, A., FELL, D., VATER, M., ACHOLA, K. and SMITH, G. Plasma catecholamine responses to tracheal intubation 855
DESCOTES, J. *see* TACHON, P. 715
DESMONTS, J. M. *see* NITENBERG, A. 1179
DE VILLE, A. *see* d'HOLLANDER, A. A. 131
DEWAR, G. H. *see* STENLAKE, J. B. 3S
DIDIER, E. P. *see* GELB, A. 809
DINGWALL, A. E., RICHARDS, B. and MILLER, J. The "On Call' service offered by the Department of Anaesthesia, Manchester Royal Infirmary 877
DODSON, M. E., ELTOFT, M. E. and KAY, B. An auditory test of the sedative effects of drugs and anaesthetics, (*ARS*) 236P
DOHI, S. *see* TAKAHASHI, T. 333
DONATI, F. *see* FUTTER, M. 947
DOUGLAS, E. J. *see* ADAM, H. K. 97; MAJOR, E. 371
DRIPPS, R. D. ECKENHOFF, J. E. and VANDAM, L. D. *Introduction to Anaesthesia. The Principles of Safe Practice*, (*R*) 1046
DRUMMOND, G. Chest wall movements, (*E*) 925
DRUMMOND, G. B. Comparison of decreases in ventilation caused by enflurane and fentanyl during anaesthesia 825
DRUMMOND, G. B. and PARK, G. R. Changes in intragastric pressure on induction of anaesthesia, (*ARS*) 237P
DRUMMOND, G. B. and WRIGHT, A. D. G. Inaccuracy of oesophageal pressure for pleural pressure estimation in supine anaesthetized subjects 585
DRUMMOND, G. B. and ZHONG, N. S. Inspired oxygen and oxygen transfer during artificial ventilation for respiratory failure 3
DRUMMOND, G. B. *see* WILDSMITH, A. W., (*C*) 1165; WRIGHT, A. D. G., (*ARS*) 1164P
DUCKWORTH, R. A. *see* KIRKWOOD, I., (*C*) 1273
DUFFY, W. *see* ROSS, J. A. S., (*ARS*) 1162P
DUGGAN, J., McKEOWN, D. W. and SCOTT, D. B. Venous

pressures generated during i.v. regional anaesthesia (IVRA), (*ARS*) 1158P
DUNCAN, P. G. *see* GERRARD, J. M. 1249
DUNDAS, C. R. *see* LEVACK, I. D., (*ARS*) 1163P
DUNDEE, J. W. Abuse of benzodiazepines, (*E*) 1; the benzodiazepines: where next?, (*E*) 261
DUNDEE, J. W. *see* ADAM, H. K. 97; BLUNNIE, W. P. 611; ELLIOTT, P., (*ARS*) 1159P; ELWOOD, R. J., (*ARS*) 241P; HILDEBRAND, P. J., (*ARS*) 247P; KAWAR, P., (*ARS*) 915P; MIRAKHUR, R. K. 119
DURANT, N. N. *see* MARSHALL, I. G. 703
DUVAL, G. *see* CAMPINOS, L. 1103
DYE, A. *see* ANDEWS, C. J. H. 211S; O'CONNOR, M., (*ARS*) 905P; SEAR, J. W. 603
DYE, J. *see* O'CONNOR, M., (*ARS*) 905P

ECKENHOFF, J. E. *see* DRIPPS, R. D., (*R*) 1046
EDBROOKE, D. L. *see* HEBRON, B. S. 289
EGMOND, VAN J. *see* ROBERTSON, E. N. 723
EL-HASSAN, K., HUTTON, P. and BLACK, A. M. S. Dangers of cubital fossa injections for Bier's blockade, (*ARS*) 1158P
EL-HASSAN, K. *see* HUTTON, P., (*ARS*) 918P
ELLIOTT, P., CHESTNUTT, W. N., ELWOOD, R. J. and DUNDEE, J. W. Effect of atropine and metoclopramide on the plasma concentrations of orally administered zopiclone, (*ARS*) 1159P
ELLIS, F. R. Charles Waterton (1782–1865), (*CWS*) 221; *see* COOKE, J., (*CWS*) 225
ELTOFT, M. E. *see* DODSON, M. E., (*ARS*) 236P
ELWOOD, R. J., HILDEBRAND, P. J., DUNDEE, J. W. and COLLIER, P. S. Influence of ranitidine on uptake of oral midazolam, (*ARS*) 241P
ELWOOD, R. J. *see* ELLIOTT, P., (*ARS*) 1159P; FERRES, C. J., (*ARS*) 915P; HILDEBRAND, P. J., (*ARS*) 247P
EVANS, S. F. and COLE, P. V. Neuroendocrine effects of nitrous oxide, (*ARS*) 909P
ENGBÆK, J., ØRDING, H. and VIBY-MOGENSEN, J. Neuromuscular blocking effecys of vecuronium and pancuronium during halothane anaesthesia 497
ENGBÆK, J., ØRDING, H., SØRENSEN, B. and VIBY-MOGENSEN. Cardiac effects of vecuronium and pancuronium during halothane anaesthesia 501
ERIKSSON, I. *see* BERGGREN, L. 289
ESCARPA, A. *see* O'CONNOR, M., (*ARS*) 905P; 217S
ESENER, Z. The use of fazadinium in children. *An electromyographic study* 1205
EVANS, P. J. D. *see* MOORE, R. A. 429
EVREUX, J. C. *see* TACHON, P. 715

FAGEN, D. *see* WILDSMITH, J. A. W. 381
FAHEY, M. R. *see* RUPP, S. M. 67S
FÁHRÆUS, T. *see* SIGURDSSON, G. H. 861
FASSOULAKI, A. and KANIARIS, P. Intranasal administration of nitroglycerine attenuates the pressor response to laryngoscopy and intubation of the trachea 49
FELL, D., COTTON, B. R. and SMITH, G. I.m. atropine and regurgitation, (*C*) 256
FELL, D. *see* DERBYSHIRE, D. R. 855
FERRACCI, F. *see* GAUDY, J. H. 977
FERRES, C. J., CARSON, I. W., CLARKE, R. S. J., LYONS, S. M. and ELWOOD, R. J. Comparison of the haemodynamic effects of vecuronium and pancuronium in patients undergoing coronary artery bypass grafting, (*ARS*) 915P
FERRES, C. J., MIRAKHUR, R. K., CRAIG., H. J. L., BROWNE, E. S. and CLARKE, R. S. J. Pretreatment with vecuronium as a prophylactic against post-suxamethonium muscle pain 735
FERRES, C. J. *see* MIRAKHUR, R. K. 119
FIERRO, L. E. *see* SHARROCK, N. E. 1213
FINK, B. R. *see* KIRCHA, S. 549
FINLAY, I. G. *see* MORRAN, C. G. 1113
FISCHLER, M., DENTAN, M., WESTERMAN, M. N., VOURC'H, G. and FREITAG, B. Prophylactic use of Ketanserin in a patient with carcinoid syndrome, (*C*) 920
FISCHLER, M. *see* VOURC'H, G. 969; 973
FISHER, M. M. *see* BEST, N. 1149
FISHER, M. *see* GREEN, D. W., (*ARS*) 1163P
FITCH, W. *see* THOMSON, I. A. 1231
FITZAL, S., GILLY, H. and ILIAS, W. Comparative investigations on the cardiovascular effects of Org NC45 and pancuronium in dogs 641
FITZAL, S. *see* FOLDES, F. F. 97S
FLETCHER, R., ARDS, (*C*) 254
FLETCHER, R., WERVER, O., NORDSTRÖM, L. and JONSON, B. Sources of error and their correction in the measurement of carbon dioxide elimination using the Siemens-Elema Co_2 Analyzer 177
FLYNN, P. J., HUGHES, R., WALTON, B. and JOTHILINGHAM, S. Use of altracurium infusions for general surgical procedures including cardiac surgery with induced hypothermia 135S
FLYNN, P. J. *see* FRANK, M. 113S
FOLDES, F. F. and DEERY, A. Protein binding of atracurium and other short-acting neuromuscular blocking agents and their interaction with human cholinesterases 31S
FOLDES, F. F., NAGASHIMA, H., BOROS, M., TASSONYI, E., FITZAL, S. and AGOSTON, S. Muscular relaxation with atracurium, vecuronium and Duador under balanced anaesthesia 97S
FOLLENFANT, M. *see* SKARPA, M. 27S
FORREST, A. R. W. *see* BLASZCZYK, B., (*ARS*) 1161P
FORRESTER, P. C. *see* HENDERSON, A. M. 791
FORSLING, M. *see* HAWKINS, S. S., (*ARS*) 1161P
FOSTER, J. M. G., LAU, O. J. and ALIMO, E. B. Ruptured bronchus following endobronchial intubation 687
FRAGEN, R. J., BOOIJ, H. D. J., BRAAK, G. J. J., VREE, T. B., HEYKANTS, J. and CRUL, J. F. Pharmacokinetics of the infusion of alfentanil in man 1077
FRAGEN, R. J., BOOIJ, L. H. D. J., POL, VAN DER F., ROBERTSON, E. N. and CRUL, J. F. Interactions of diisopropyl phenol (ICI 35 868) with suxamethonium, vecuronium and pancuronium *in vitro* 433
FRAGEN, R. J. *see* ROBERTSON, E. N. 125; 723
FRANK, M., FLYNN, P. J. and HUGHES, R. Atracurium in obstetric anaesthesia. A preliminary report 113S
FRANK, M., MAYNARD, D. E., MAJOR, E., COUTINHO, P. and TSANACLIS, L. M. Comparison of plasma thiopentone concentrations and the cerebral function analysing monitor using repeated bolus infections of thiopentone, (*ARS*) 910P
FRANK, M. *see* SEBEL, P. S. 1265
FREEMAN, J. Addendum, (*CWS*) 232
FREITAG, B. *see* FISCHLER, M., (*C*) 920
FREWIN, D. B. *see* CUMMINGS, M. F. 619
FREYE, E., HARTUNG, E. and KALIEBE, S. Prevention of late fentanyl-induced respiratory depression after the injection of opiate antagonists naltrexone and S-20682: comparison with naloxone 71
FROST, R. A. *see* MAGNI, V. C. 1095
FRY, E. N. S. Prevention of the oculocardiac reflex in children undergoing squint surgery, (*C*) 256
FUTTER, M. E., DONATI, F. and BEVAN, D. R. Prolonged suxamethonium infusion during nitrous oxide anaesthesia supplemented with halothane or fentanyl 947

GALE, G. D., GALLOON, S. and PORTER, W. R. Sublingual lorazepam: a better premedication? 761
GALLIOT, M. *see* GAUDY, J. H. 977
GALLOON, S. *see* GALE, G. D. 761
GALZIGNA, L. *see* MANANI, G., (*C*) 1165
GARDAZ, J.-P., McFARLANE, P. A., MADGWICK, R. G., RYDER, W. A. and SYKES, M. K. Effects of dopamine, increased cardiac output and increased pulmonary artery pressure on hypoxic pulmonary vasoconstriction, (*ARS*) 238P
GAUDY, J. H., DAUTHIER, C., GALLIOT, M., FERRACCI, F. and BOITIER, J. F. Ventilatory effects produced by the i.v. administration of incremental doses of thiopentone in the dog 977
GAUDY, J. H. *see* CAMINOS, L. 1103
GELB, A., SOUTHORN, P., REHDER, K., DIDIER, E. P. Sedation and respiratory mechanics in man 809
GERGIS, S. D., SOKOLL, M. D., MEHTA, M., KEMMOTSU, O. and RUDD, G. D. Intubation conditions after atracurium and suxamethonium 83S
GERGIS, S. D. *see* SOKOLL, M. D. 77S
GERRARD, J. M., DUNCAN, P. G., KOSHYK, S. A., GLOVER, S. M. and McCREA, J. M. Halothane stimulates the aggregation of platelets of both normal individuals and those susceptible to malignant hyperthermia 1249
GIBB, A. J. *see* MARSHALL, I. G. 703; SUTHERLAND, G. A. 1119
GIBBS, J. H. *see* ROBERTSON, A. J. 339
GILES, H. G. *see* GREENBLATT, D. J. 985
GILLMAN, M. A. and LIGHTINGFIELD, F. J. Paradoxical effect of naloxone on nitrous oxide analgesia, (*C*) 91
GILLY, H. *see* FITZAL, S. 641
GIMSON, A. E. S. *see* NEUBERGER, J. 15
GIONFRIDDO, M. *see* ALI, H. H. 107S; BASTA, S. J. 105S
GIRON, G. P. *see* MANANI, G., (*C*) 1165
GLAZEBROOK, C. W. *see* MASEY, S. A. 729
GLOVER, S. M. *see* GERRARD, J. M. 1249
GOAT, V. A. *see* MASEY, S. A. 729
GODE, G. R. *see* DASH, H. H. 1271
GOODCHILD, J. Walton Hall, (*CWS*) 228
GOODMAN, N. W. *see* PRYS-ROBERTS, C. 105
GOROSZENIUK, T. *see* MORGAN, B. M. 885
GOUDSOUZIAN, N. G. *see* MARTYN, J. A. J. 263
GRAHAM, G. G. and RIGG, D. Nitroprusside infusions, (*C*) 919
GRAHAM, I. F. M. and KIDD, G. L. Spectral analysis of heart rate variability: the effect of atropine, (*ARS*) 916P
GRAHAM, N. B. *see* HANNING, C. D., (*ARS*) 236P
GRAMSTAD, L., LILLEAASEN, P. and MINSAAS, B. B. Comparative study of atracurium, vecuronium (Org NC 45) and pancuronium 95S
GRANT, I. S., NIMMO, W. S., McNICHOL, L. R. and CLEMENTS, J. A. Ketamine deposition in children and adults 1107
GRANT, I. S. *see* MACKENZIE, N., (*C*) 921
GRAVENSTEIN, J. S. and GRUNDY, B. L., (editors). *The Quality of Care in Anaesthesia*, (*R*) 259
GRAY, T. C. Exciting and dangerous days, (*CWS*) 227; Waterton Symposium, (*C*) 1041
GREEN, D. W., BRISTOW, A. B. and FISHER, M. Glycopyrrolate and atropine in the prevention of bradycardia and dysrhythmias following repeated doses of suxamethonium in children, (*ARS*) 1163P
GREENBLATT, D. J., ARENDT, R. M., ABERNETHY, D. R., GILES, H. G., SELLERS, E. M. and SHADER, R. I. *In vitro* quantitation of benzodiazepine lipophilicity: relation to *in vivo* distribution 985
GREENWOOD, B. K. and BRADSHAW, E. G. Preoperative medication for day-case surgery. A comparison between oxazepam and temazepam 933
GRONERT, G. A. Muscle blood flow and hyperkalaemia in MH, (*C*) 254; *see* NEWBERG, L. A. 57
GROOM, J. F. *see* WILLATTS, D. G. 399
GRUDZINSKAS, J. G. *see* BEST, N. 1149
GRUNDY, B. L. *see* GRAVENSTEIN, J. S., (*R*) 259
GUILLOT, J. P. *see* TACHON, P. 715

HACKETT, G. H., HUGHES, R. and PAYNE, J. P. Recovery of respiration following neuromuscular blockage by atracurium, (*ARS*) 911P
HAHN, C. E. W. *see* ADAMS, A. P., (*R*) 365; PALAYIWA, E. 1025; SCOTT, I. L. 559
HALL, G. M. and LUCKE, J. N. Adenosine and leg blood flow during porcine malignant hyperthermia, (*C*) 253; Porcine malignant hyperthermia. IX: changes in the concentrations of intramuscular high-energy phosphates, glycogen and glycolytic intermediates 635
HALL, G. M., ORCHARD, C., LUCKE, J. N., LOVELL, R. and LISTER, D. Muscle blood flow and hyperkalaemia in MH, (*C*) 254
HALL, G. M., WALSH, E. S., PATERSON, J. L. and MASHITER, K. Low-dose insulin infusion and substrate mobilization during surgery 939
HALL, G. M. *see* WALSH, E. S. 135
HALSALL, D. *see* HENDERSON, A. M. 791
HALSEY, M. J. *see* WARDLEY-SMITH, B., (*ARS*) 235P
HAMMOND, J., WRIGHT, D. and SALE, J. Pattern of change of bronchomotor tone following reversal of neuromuscular blockade. *A comparison between atropine and glycopyrrolate* 955
HAMMOND, J., WRIGHT, D. and WALMSLEY, A. Effect of i.v. cimetidine on bronchomotor tone, (*ARS*) 248P
HANNING, C. D., SMITH, G., McNEILL, M. and GRAHAM, N. B. Rectal administration of morphine from a sustained release hydrogel suppository, (*ARS*) 236P
HANNING, C. D. *see* LEDINGHAM, I. McA., (*R*) 1047
HARDCASTLE, J. D. *see* HEALY, T. E. J., (*C*) 1041
HARDESTY, A. *see* BRUCE, D. L. 1259
HARDY, P. J. A. Monitoring of neuromuscular function and atracurium, (*C*) 919
HARMER, M. *see* SLATTERY, P. J., (*ARS*) 245P
HARMER, M., SLATTERY, P. J., ROSEN, M. and VICKERS, M. D. Comparison between buprenorphine and pentazocine given i.v. on demand in the control of postoperative pain 21
HARRIS, W. A. *see* HILGENBERG, J. C. 81S
HARRISON, A. R. *see* WILLATTS, D. G. 399
HARRISON, G. G. *see* MORRELL, D. F. 1173
HARRISON, K. *see* BLASZCZYK, B., (*ARS*) 1161P
HARTUNG, E. *see* FREYE, E. 71
HARVEY, J. *see* COOPER, G. M. 179S; O'CONNOR, M., (*ARS*) 905P
HASSELT, C. H. *see* HOSKEN, K. A. 891
HAUSMANN, E. *see* TRYBA, M. 631
HAWES, D. *see* O'CALLAGHAN, A. C. 1061; ROSS, J. A. S. 1053
HAWKINS, S. S., AVELING, W., TREATURE, T. and FORSLING, M. Hypertension, vasopressin and renin in coronary artery surgery, (*ARS*) 1161P
HAYES, J. K. *see* WESTENKOW, D. R. 595
HEALY, T. E. J., WRIGHT, J. W., BALFOUR, T. W. and HARDCASTLE, J. D. Electrical and mechanical activity of the rat duodenum, (*C*) 1041
HEALY, T. E. J. *see* BEATTY, P., (*ARS*) 243P; KAY, B. 1239
HEBRON, B. S., EDBROOKE, D. L., NEWBY, D. M. and MATHER, S. J. Pharmacokinetics of etomidate associated with prolonged i.v. infusion 289
HEINONEN, E. *see* ROSENBERG, P. H. 163
HENDERSON, A. M., MOSSE, C. A., FORRESTER, P. C., HALSALL, D. and ARMSTRONG, R. F. A system for the continuous measurement of oxygen uptake and carbon

dioxide output in artificially ventilated patients 791
HENDERSON, P. *see* LAURENCE, A. S., (*ARS*) 907P
HENEGHAN, C. P. H., BERGMAN, N. A., JORDAN, C., LEHANE, J. R. and CATLEY, D. M. Effect of isoflurane on bronchomotor tone, (*ARS*) 248P
HENEGHAN, C. P. H. *see* NAVARATNARAJAH, M., (*ARS*) 1157P
HENRIKSSON, K.-G. *see* RUTBERG, H. 461
HEWLETT, A. M. *see* LYLE, D. J. R., (*ARS*) 250P
HEYKANTS, J. *see* FRAGEN, R. J. 1077
HIDDING, J. *see* PUCHSTEIN, C. 443
HIGENBOTTAM, T. *see* ROYSTON, D., (*ARS*) 917P
HILDEBRAND, P. J., ELWOOD, R. J., DUNDEE, J. W. and McLEAN, E. Some factors influencing the uptake of midazolam, (*ARS*) 247P
HILDEBRAND, P. J. *see* ELWOOD, R. J., (*ARS*) 241P
HILGENBERG, J. C., STOELTING, R. K. and HARRIS, W. A. Haemodynamic effects of atracurium during enflurane–nitrous oxide anaesthesia 81S
HILFIKER, O., LARSEN, R. and SONNTAG, H. Myocardial blood flow and oxygen consumption during halothane-nitrous oxide anaesthesia for coronary revascularization 927
HINSHAW, L. E. *see* REICHARD, S. M., (*R*) 93
d'HOLLANDER, A. A., AGOSTON, S., DE VILLE, A. and CUVELIER, F. Clinical and pharmacological actions of a bolus injection of suxamethonium: two phenomena of distinct duration 131
HOLLWAY, T. *see* BARNES, P. K. 91S
HOLZAPFEL, L. *see* PERRIN, F. 525
HONDA, Y. *see* NISHINO, T. 647
HOSKEN, K. A., HASSELT, C. H. van and MOYES, D. G. A system of differential delivery pressures and hose diameters for use in hospital medical gas installations 891
HOUGHTON, D. J. Use of lorazepam as a premedicant for Caesarean section. *An evaluation of its effects on the mother and the neonate* 767
HOULDSWORTH, H. B., O'SULLIVAN, J. and SMITH, M. Dynamic behaviour of air break receiver units 661; an improved air break receiver unit 671
HOUSE, F. R. *see* BENNETT, M. R., (*ARS*) 906P
HUG, C. C. jr. *see* AUSEMS, M. E. 191S
HUGHES, R. and PAYNES, J. P. Atracurium: assessment by tetanic and train-of-four responses of the adductor pollicis muscle in anaesthetized man, (*ARS*) 239P; clinical assessment of atracurium using the single twitch and tetanic responses of the adductor pollicis muscles 47S
HUGHES, R. *see* ASTLEY, B.A., (*ARS*) 1164P; CHAPPLE, D. J. 17S; FLYNN, P. J. 135S; FRANK, M. 113S; HACKETT, G. H., (*ARS*) 911P; MADDEN, A. P. 53S
HUGHES, R. L. *see* THOMSON, F. A. 1231
HULL, C. J. A model for atracurium?, (*E*) 95; the pharmacokinetics of alfentanil in man 157S
HULL, C. J. and JACOBSON, L. A clinical trial of alfentanil as an adjuvant for short anaesthetic procedures 173S
HUMPHREY, D. Spontaneous respiration with the Bain system, (*C*) 922
HUNT, P., COTTON, B. R. and SMITH, G. Effects of pancuronium, atracurium and vecuronium on the lower oesophageal sphincter, (*ARS*) 1155P
HUNTER, A. R. Bridging the gap, 477
HUNTER, A. R. and MOIR, D. D. Confidential enquiry into maternal deaths, (*E*) 367
HUNTER, A. R. *see* OWEN, H. 315
HUNTER, J. M., JONES, R. S. and UTTING, J. E. Atracurium in renal failure 129S
HUTTON, P., MORGAN, G., EL-HASSAN, K. and BLACK, A. M. S. Speeding the onset of neuromuscular block by alcuronium, (*ARS*) 918P
HUTTON, P. *see* EL-HASSAN, K., (*ARS*) 1158P

ILIAS, W. *see* FITZAL, S. 641

JACOBSON, L. *see* HULL, C. J. 173S
JACOBSON, S., (editor) *Resuscitation. Clinics in Emergency Medicine*, (*R*) 1275
JAGO, R. H. *see* REED, P. N. 377
JAKUBOWSKI, J. *see* BLASZCZYK, B., (*ARS*) 1161P
JAMES, D. A. *see* SKARPA, M. 27S
JAMES, F. M. III and SCOTT WHEELER, A. *Obstetric Anesthesia: The Complicated Patient*, (*R*) 260
JANSEN, J. A. *see* CHRISTENSEN, J. H. 33
JOHANNSON, G. *see* BURLINGHAM, A. N., (*ARS*) 244P
JOHNSON, H. D. *see* MALE, C. G., (*ARS*) 1159P
JONES, C. J. *see* MIRAKHUR, R. K., (*C*) 921
JONES, J. F. and PRYS-ROBERTS, C. Baroreflex effects of Althesin infusions to supplement nitrous oxide anaesthesia in man 849
JONES, J. G. and BERRY, M. Pulmonary function following i.v. *E. Coli* 0111:B4 endotoxin, (*ARS*) 245P
JONES, J. G. *see* BEELEY, J. M., (*ARS*) 249P ROYSTON, D., (*ARS*) 246P; 449; NAVARATNARAJAH, M., (*ARS*) 1157P; THORNTON, C. 479
JONES, R. M., PEARCE, A. C., WILLIAMS, J. P. Recovery characteristics following antagonism of atracurium with neostigmine or edrophonium (*ARS*) 1163P
JONES, R. M., WATERLAND, J. W., WILLIAMS, J. P. and PEARCE, A. C. Cardiovascular and catecholamine responses to ECT in untreated hypertensives compared with normotensives, (*ARS*) 908P
JONES, R. M. *see* BENNETT, M. R., (*ARS*) 906P; POLLARD, B. J. 1127; WILLIAMS, J. P., (*ARS*) 912P
JONES, R. S. *see* HUNTER, J. M. 129S
JONSON, B. *see* FLETCHER, R. 177
JONZON, A., RODIO, Z. and SEDIN, G. Alveolar deadspase during high frequency positive pressure ventilation. *Influence of ventilatory pattern* 1133
JORDAN, C. *see* HENEGHAN, C.P.H., (*ARS*) 248P; ROYSTON, D. 449; THORNTON, C. 479
JORDAN, W. S. *see* WESTENKOW, D. R. 595
JORFELDT, L. *see* RUTBERG, H. 461
JOTHILINGHAM, S. *see* FLYNN, P. J. 135S
JUDGE, S. E. Effect of general anaesthetics on synaptic ion channels 191

KALIEBE, S. *see* FREYE, E. 71
KALSO, E. Effects of intrathecal morphine, injected with bupivacaine, on pain after orthopaedic surgery 415
KANIARIS, P. *see* FASSOULAKI, A. 49
KAPLAN, R. A. *see* MARTYN, J. A. J. 263
KATZ, R. L. *see* STIRT, J. A. 71S
KATZ, S. E. *see* BRUCE, D. L. 1259
KAWAR, P., CARSON, I. W., LYONS, S. M., CLARKE, R. S. J. and DUNDEE, J. W. Haemodynamic changes during induction of anaesthesia with midazolam and diazepam (valium) in patients undergoing aorto–coronary bypass surgery, (*ARS*) 915P
KAY, B. Extradural buprenorphine, (*C*) 255
KAY, B., BEATTY, P. C. W., HEALY, T. E. J., ACCOUSH, M. E. A. and CALPIN, H. Change in the work of breathing imposed by five anaesthetic breathing systems 1239
KAY, B. and COHEN, A. T. Intravenous anaesthesia for minor surgery. *A comparison of etomidate or Althesin with fentanyl and alfentanil* 165S
KAY, B. and VENKATARAMAN, P. Recovery after fentanyl and alfentanil in anaesthesia for minor surgery 169S
KAYAMA, Y. Stimulant and depressant effects of ketamine on neocortical activity in cats 655
KAY, B. *see* BEATTY, P., (*ARS*) 243P; DODSON, M. E., (*ARS*) 236P
KEERI-SZANTO, M. Demand analgesia, (*C*) 919
KEMMOTSU, O. *see* GERGIS, S. D. 83S; SOKOLL, M. D. 77S

KENNY, G. N. C. *see* MADSEN, S., (*ARS*) 910P
KENNY, M. *see* O'BOYLE, C. 349
KERR, W. J. *see* BAIRD, W. L. M. 63S
KHAMBATTA, H. J., STONE, J. G. and MATTEO, R. S. Pulmonary deadspace during induced hypotension, (*C*) 1165
KIDD, G. L. *see* GRAHAM, I. F. M., (*ARS*) 916P
KIRCHA, S. and BARSA, J. Effect of adrenaline on duration of infraorbital nerve blockade with lignocaine in the rat 719
KIRCHA, S., BARSA, J. and FINK, B. R. Potentiation of nerve block *in vivo* by physiological adjuvants in the solution 549
KIRKWOOD, I. and DUCKWORTH, R. A. An unusual case of sinus arrest, (*C*) 1273
KLAUSEN, N.-O., WIBERG-JØRGENSEN, F. and CHRÆMMER-JØRGENSEN, B. Psychomimetic reactions after low-dose ketamine infusion. *Comparison with neuroleptanaesthesia* 297
KONARZEWSKI, W. H. *see* WHITWAM, J. G. 1017
KOSHYK, S. A. *see* GERRARD, J. M. 1249
KRISTOFFERSEN, M. B. *see* CHRISTENSEN, J. H. 391

LAMBE, R. *see* O'BOYLE, C. 349
LAMBERT, E. H. *see* NEWBERG, L. A. 57
LAMPUGNAMI, D. *see* RIGAMONTI, G. 513
LANGE, DE S. and BRUIJN, DE N. P. Alfentanil–oxygen anaesthesia: plasma concentrations and clinical effects during variable-rate continuous infusion for coronary artery surgery 183S
LAPP, N. L., (editor). *Pulmonary diseases. Medical Examination Review*, (*R*) 1275
LARSEN, R. *see* HILFAKER, O. 927
LARSSON, J. *see* RUTBERG, H. 461
LASCHI-LOQUERIE, A. *see* TACHON, P. 715
LAU, O. J. *see* FOSTER, J. M. G. 687
LAURENCE, A. S. and HENDERSON, P. Serum myoglobin, potassium and CPK release following intermittent suxamethonium administration, (*ARS*) 907P
LAVIN, T. J. *see* AMARANTH, L. 531
LAWSON, J. I. M. *see* ROBERTSON, A. J. 339
LAXENAIRE, M. C. *see* MONERET-VAUTRIN, D. A. 469
LEDINGHAM, I. McA. and HANNING, C. D., (editors). *Recent Advances in Critical Care Medicine–2*, (*R*) 1047
LEE, C. *see* STIRT, J. A. 71S
LEHANE, J. R. *see* CORMACK, R. S., (*ARS*) 1155P; HENEGHAN, C. P. H., (*ARS*) 248P; THORNTON, C. 479
LEUNG, J. W. C. *see* MAGNI, V. C. 1095
LEVACK, I. D. and DUNDAS, C. R. Atracurium by infusion–a dosimetric study of two infusion rates, (*ARS*) 1163P
LUNN, J. N. *Lecture Notes on Anaesthetics* (2nd edn.), (*R*) 1045
LIGHTINGFIELD, F. J. *see* GILLMAN, M. A., (*C*) 91
LILLEAASEN, P. *see* GRAMSTAD, L. 95S
LINDAHL, S. *see* SIGURDSSON, G. H. 961
LINDGREN, L. and SAARNIVAARA, L. Cardiovascular responses to enflurane induction followed by suxamethonium in children 269; effect of competitive myoneural blockade and fentanyl on muscle fasciculations caused by suxamethonium in children 747
LINEBERRY, C. C. *see* PHILBIN, D. M. 131S
LISTER, D. *see* HALL, G. M., (*C*) 254
LITTLE, H. J. *see* BICHARD, A. R., (*ARS*) 912P; *see* WARDLEY-SMITH, B., (*ARS*) 235P
LIU, L. M. P. *see* MARTYN, J. A. J. 263
LLOYD, J. W. *see* MOORE, R. A. 429
LOCKWOOD, G. *see* ROYSTON, D., (*ARS*) 246P
LOGAN, B. M. Charles Waterton's method of taxidermy, (*CWS*) 229
LOH, L. *see* NIU, D. 541; WHITWAM, J. G., (*ARS*) 235P
LOVELL, R. *see* HALL, G. M., (*C*) 254; SKARPA, M. 27S
LOVICK, A. H. J. *see* READ, D. H., (*ARS*) 918P
LOW, J. M., MILLARD, R. K., CURNOW, J. S. H., PRYS-ROBERTS, C. Closed-loop maintenance of deliberate hypotension using sodium nitroprusside infusion during middle ear surgery, (*ARS*) 1157P
LOWENSTEIN, E. *see* PHILBIN, D. M. 131S
LUCKE, J. N. *see* HALL, G. M., (*C*) 253; 635; (*C*) 254; SKARPA, M. 27S
LUND, J. *see* CHRISTENSEN, F. R. 89
LYLE, D. J. R., HEWLETT, A. M. and NUNN, J. F. Assessment of ventilators by a model patient which has the capacity for "spontaneous breathing", (*ARS*) 250P
LYNCH, R. D. *see* BEELEY, J. M., (*ARS*) 249P
LYONS, S. M. *see* FERRES, C. J., (*ARS*) 915P; KAWAR, P., (*ARS*) 915P

McARDLE, C. S. *see* CUSCHIERI, R. J., (*ARS*) 1162P; MORRAN, C. G. 1113
MACHAJ, V. R. *see* PHILBIN, D. M. 131S
MACKENZIE, N. and GRANT, I. S. Pumping effect of the Philips AVI ventilator on Fluotec vaporizer, (*C*) 921
MACMILLAN, R. R. *see* CALVEY, T. N. 57S
McCLELLAND, G. R. *see* SUTTON, J. A., (*ARS*) 913P
McCLOY, R. F. *see* WHITWAM, J. G. 773
McCLURE, J. H., BROWN, D. T. and WILDSMITH, J. A. W. Comparison of midazolam and diazepam as intravenous sedation during spinal anaesthesia, (*ARS*) 247P; comparison of the i.v. administration of midazolam and diazepam as sedation during spinal anaesthesia 1089
MACRAE, W. R. *see* WILDSMITH, J. A. W. 381; (*C*) 1165
McCREA, J. M. *see* GERRARD, J. M. 1249
McDOWALL, D. G. *see* MOSS, E. 1083
McFARLANE, P. A. *see* GARDAZ, J.-P., (*ARS*) 238P
McILROY, P. D. A. *see* BLUNNIE, W. P. 611
McKAY, A. J. *see* MORRAN, C. G. 1113
McKENNA, J. A. *see* CUNNINGHAM, A. J. 423
McKEOWN, D. W., MEIKLEJOHN, B. and SCOTT, D. B. Bupivacaine and prilocaine in i.v. regional anaesthesia (IVRA), (*ARS*) 1160P
McKEOWN, D. W. *see* DUGGAN, J., (*ARS*) 1158P
McLAREN, I. D., BELLMAN, M. H. and COOLEY, J. Effects of the argon laser on anaesthetic gases and endotracheal tubes 1001
McLEAN, E. *see* HILDEBRAND, P. J., (*ARS*) 247P
McNEILL, M. *see* HANNING, C. D., (*ARS*) 236P
McNICHOL, L. R. *see* GRANT, I. S. 1107
McQUAY, H. J. *see* MOORE, R. A. 429; PORTER, E. J. B. 325
MADDEN, A. P., HUGHES, R. and PAYNE, J. P. Assessment of tetanic fade following atracurium 53S
MADGWICK, R. G. *see* GARDAZ, J.-P., (*ARS*) 238P
MADSEN, S., KENNY, G. N. C. and CAMPBELL, D. A simple record system for the Apple II microcomputer, (*ARS*) 910P
MAGNI, V. C., FROST, R. A., LEUNG, J. W. C. and COTTON, P. B. A randomized comparison of midazolam and diazepam for sedation in upper gastrointestinal endoscopy 1095
MAGNUSSON, J., WERNER, O., CARLSSON, C., NORDÉN, N. and PETTERSSON, K.-I. Metoprolol, fentanyl and stress responses to microlaryngoscopy. *Effects on arterial pressure, heart rate and plasma concentrations of catecholamines, ACTH and cortisol* 405
MAJOR, E., AUN, C., YATE, P. M., SAVEGE, T. M., VERNIQUET, A. J. W., ADAM, H. and DOUGLAS, E. J. Influence of sample site on blood concentrations of ICI 35 868 371
MAJOR, E. *see* AUN, C., (*ARS*) 909P; FRANK, M., (*ARS*) 910P; SEBEL, P. S. 126S
MAKTABI, M. *see* BARAKA, A. 901
MALE, C. G. and JOHNSON, H. D. Psychomotor performance after benzodiazepine premedication and general anaesthesia, (*ARS*) 1159P

MANANI, G., GIRON, G. P. and GALZIGNA, L. Protective effect of thiopentone on suxamethonium-induced myalgia, (*C*) 1165
MANDELLI, V. *see* RIGAMONTI, G. 513
MARI, F. *see* NOVELLI, G. P. 997
MARK, J. *see* COOPER, G. M. 179S
MARRANO, D. *see* RIGAMONTI, G. 513
MARSH, R. H. K., SPENCER, R. and NIMMO, W. S. Gastric emptying and drug absorption before and after surgery, (*ARS*) 242P
MARSHALL, I. G., GIBB, A. J. and DURANT, N. N. Neuromuscular and vagal blocking actions of pancuronium bromide, its metabolites, and vecuronium bromide (ORG NC 45) and its potential metabolites in the anaesthetized cat, 703
MARSHALL, I. G. *see* SUTHERLAND, G. A. 1119
MARSLAND, A. R., RAMANURTHY, S. and BARNES, J. Cryogenic damage to peripheral nerves and blood vessels in the rat 555
MÅRTENSSON, J. *see* RUTBERG, H. 461
MARTIN, D. F. and TWEEDLE, D. E. F. Venous complications of two diazepam preparations related to size of vein 779
MARTY, J. *see* NITENBERG, A., 1179
MARTYN, J. A. J., GOUDSOUZIAN, N. G., MATTEO, R. S., LIU, L. M. P., SZYFELBEIN, S. K. and KAPLAN, R. A. Metocurine requirements and plasma concentrations in burned paediatric patients 263
MASEY, S. A., GLAZEBROOK, C. W. and GOAT, V. A. Suxamethonium: a new look at pretreatment 729
MASHITER, K. *see* HALL, G. M. 939
MATHER, S. J. *see* HEBRON, B. S. 289
MATHEWS, E. T. *see* MESSAHEL, F. M. 169
MATHIESON, M. *see* MORRAN, C. G. 1113
MATHIEU, A. and BURKE, J. F. *Infection and the Perioperative period*, (*R*) 366
MATTEO, R. S. *see* KHAMBATTA, H. J., (*C*) 1165; MARTYN, J. A. J. 263
MAYADEO, S. U. *see* MERRY, A. F. 303
MAYNARD, D. E. *see* FRANK, M., (*ARS*) 910P; WILLIAMS, D. J. M., (*ARS*) 908P
MAYNARD, P. *see* SCOTT, I. L. 559
MEAKIN, G. and COATES, A. L. An evaluation of rebreathing with the Bain system during anaesthesia with spontaneous ventilation 487
MEBIUS, C. *see* DARDEL, VON O. 41
MEDAK, R. and BENUMOF, J. L. Perioperative management of the prolonged Q-T interval syndrome 361
MEDD, R. *see* SKARPA, M. 27S
MEHTA, M. *see* GERGIS, S. D. 83S; SOKOLL, M. D. 77S
MEIKLEJOHN, B. *see* McKEOWN, D. W., (*ARS*) 1160P
MELCHIOR, J. C. *see* VOURC'H, G. 969; 973
MELZACK, R. and WALL, P. *The Challenge of Pain*, (*R*) 1045
MERIN, R. G. Electrical and mechanical activity of the rat duodenum, (*C*) 1041
MERRETT, J. D. *see* BLUNNIE, W. P. 611
MERRETT, R. A., THOMPSON, C. W. and WEBB, F. W. *In vitro* degradation of atracurium in human plasma 61
MERRIFIELD, A. J., WALDMANN, C. and BLUNDELL, M. D. Ventilation through a new emergency airway in anaesthetized man, (*ARS*) 1155P
MERRY, A. F., CROSS, J. A., MAYADEO, S. V. and WILD, C. J. Posture and the spread of extradural analgesia in labour 303
MESSAHEL, F. M., ROBINSON, J. S. and MATHEWS, E. T. Factors affecting cerebrospinal fluid flow in two spinal needles 169
MEYNARD, D. E. *see* SEBEL, P. S. 1265
MICHON, F. *see* VOURC'H, G. 969; 973
MILLARD, R. K. *see* LOW, J. M., (*ARS*) 1157P
MILLER, D. M. and COUPER, J. L. Comparison of the fresh gas flow requirements and resistance of the preferential flow system with those of the Magill system 569
MILLAR, J. *see* DINGWALL, A. E. 877
MILLER, M., WISHART, H. Y. and NIMMO, W. S. Gastric contents at induction of anaesthesia. *Is a 4-hour fast necessary?* 1185
MILLER, R. D. *see* RUPP, S. M. 67S
MILNE, L. A. *see* CALVEY, T. N. 535
MILNE, M. K. *see* ROBERTSON, A. J. 339
MINSAAS, B. B. *see* GRAMSTAD, L. 95S
MINTY, B. D. *see* BEELEY, J. M., (*ARS*) 249P ROYSTON, D., (*ARS*) 246P; (*ARS*) 917P
MIRAKHUR, R. K., FERRES, C. J., CLARKE, R. S. J., BALI, I. M. and DUNDEE, J. W. Clinical evaluation of Org NC 45 119
MIRAKHUR, R. K. and JONES, C. J. Oculocardiac reflex, (*C*) 921
MIRAKHUR, R. K. *see* FERRES, C. J. 735
MISHRA, P., CALVEY, T. N., WILLIAMS, N. E. and MURRAY, G. R. Intraoperative bradycardia and hypotension associated with timolol and pilocarpine eye drops 897
MODIG, J., BORG, T., BAGGE, L. and SALDEEN, T. Role of extradural and of general anaesthesia in fibrinolysis and coagulation after total hip replacement 625
MOIR, D. D. *see* HUNTER, A. R., (*E*) 367
MOLLENHOLT, P. *see* BERGGREN, L. 289
MONERET-VAUTRIN, D. A., LAXENAIRE, M. C. and VIRY-BABEL, F. Anaphylaxis caused by anti-cremophor EL IgG STS antibodies in a case of reaction to Althesin 469
MONK, S. A. *see* ROSS, J. A. S., (*ARS*) 1162P
MONTGOMERY, F. J. *see* MORRIS, P. 1065
MOORE, R. A., BULLINGHAM, R. E. S., SIMPSON, S., O'SULLIVAN, G., EVANS, P. J. D., McQUAY, H. J. and LLOYD, J. W. Comparison of flupirtine maleate and dihydrocodeine in patients following surgery 429
MOORE, R. A. *see* PORTER, E. J. B. 325
MOORE, W. B. *see* SKARPA, M. 27S
MORGAN, B. M., AULAKH, J. M., BARKER, J. P., GOROSZENIUK, T. and TROJANOWSKI, A. Anaesthesia for Caesarean section. *A medical audit of junior anaesthetic staff practice* 885
MORGAN, G. *see* HUTTON, P., (*ARS*) 918P
MORGAN, M. *see* POWER, S. J. 837; SKARPA, M. 27S
MORGAN, R. J. M. *see* WILLIAMS, D. J. M., (*ARS*) 908P
MORI, K. *see* STEVENS, J. E. 145
MORRAN, C. G., FINLAY, I. G., MATHIESON, M., McKAY, A. J., WILSON, N. and McARDLE, C. S. Randomized controlled trial of physiotherapy for postoperative pulmonary complications 1113
MORRAN, C. G. *see* CUSCHIERI, R. J., (*ARS*) 1162P
MORRELL, D. F. and HARRISON, G.G. Lignocaine kinetics during cardiopulmonary bypass. *Optimum dosage and the effects of haemodilution* 1173
MORRIS, P., TATNALL, M. L. and MONTGOMERY, F. J. Controlled anaesthesia: a clinical evaluation of an approach using patient characteristics identified during uptake 1065
MORTON, R. P. *see* CAMPBELL, I., T., (*ARS*) 1160P
MOSS, E., DEARDEN, N. N. and McDOWALL, D. G. Effects of 2% enflurane on intracranial pressure and cerebral perfusion pressure 1083
MOSS, J. *see* BASTA, S. J. 105S
MOSSBERG, T. *see* DARDEL, von, O. 41
MOSSE, C. A. *see* HENDERSON, A. M. 791
MOSTAFA, S. M. and NATRAJAN, K. M. Hydrodynamic evaluation of a new anaesthetic gas scavenging system 681
MOWBRAY, A. *see* CHAMBERS, W. A. 1201
MOYES, D. *see* VIEIRA, E. 67
MOYES, D. G. *see* HOSKEN, K. A. 891
MURPHY, D. F. Continuous intercostal nerve blockade for pain relief following cholecystectomy 521

MURRAY, A. L. *see* STIRT, J. A. 71S
MURRAY, G. R. *see* CALVEY, T. N. 535; MISHRA, P. 897

NAGAO, H., YAMASHITA, M., SHINOZAKI, Y. and OYAMA, T. Hypersensitivity to pancuronium in a patient with von Recklinghausen's disease, (*C*) 253
NAGASHIMA, H. *see* FOLDES, F. F. 97S
NAQVI, N. H. Computer-based automatic anaesthetic records, (*ARS*) 916P
NATRAJAN, K. M. *see* MOSTAFA, S. M. 681
NAVARATNARAJAH, M., THORNTON, C., HENEGHAN, C. P. H., BATEMAN, P. E. and JONES, J. G. Effect of etomidate on the auditory evoked response in man, (*ARS*) 1157P
NAVARATNARAJAH, M., WHITE, D. C., O'CALLAGHAN, A. C., WLOCH, R. T. and ROSS, J. A. S. Uptake of halothane and of isoflurane in surgical patients, (*ARS*) 1156P
NEILL, E. A. M., CHAPPLE, D. J. and THOMPSON, C. W. Metabolism and kinetics of atracurium: an over-view 23S
NEILL, E. A. M. *see* WARD, S. 113; 1169; WEATHERLEY, B. C. 39S
NEUBERGER, J., GIMSON, A. E. S., DAVEE, M. and WILLIAMS, R. Specific serological markers in the diagnosis of fulminant hepatic failure associated with halothane anaesthesia 15
NEWBERG, L. A., LAMBERT, E. H. and GRONERT, G. A. Failure to induce malignant hyperthermia in myotonic goats 57
NEWBY, D. M. *see* HEBRON, B. S. 289
NICHOL, H. C. and ZUCK, D. Difficult laryngoscopy – the "anterior" larynx and the atlanto-occipital gap 141
NICHOLAS, F. *see* PINAUD, M. 507
NIELSEN, K. *see* DALE, O. 1217
NIEMEGEERS, C. *see* COOKSON, R. F. 147S
NIGHTINGALE, D. A. and BUSH, G. H. Atracurium in paediatric anaesthesia 115S
NILSEN, O. G. *see* DALE, O. 1217
NILSSON, K. *see* SONANDER, H. 1225
NIMMO, W. S. *see* GRANT, I. S. 1107; MARSH, R. H. K., (*ARS*) 242P MILLER, M. 1185; TODD, J. G., (*ARS*) 241P; 1189
NISHINO, T., HONDA, Y. and YONEZAWA, T. Separate effects of halothane and carbon dioxide on respiratory duration in vagotomized cats 647
NITENBERG, A., MARTY, J., BLANCHET, F., ZOUIOUECHE, S., BAURY, A. and DESMONTS, J. M. Effects of flunitrazepam on left ventricular performance, coronary haemodynamics and myocardial metabolism in patients with coronary artery disease 1179
NIV, D., WHITWAM, J. G. and LOH, L. Depression of nociceptive sympathetic reflexes by the intrathecal administration of midazolam 541
NIV, D. *see* WHITWAM, J. G., (*ARS*) 235P
NORDÉN, N. *see* MAGNUSSON, J. 405; SIGURDSSON, G. H. 961
NORMAN, J. Mechanisms of general anaesthesia, (*E*) 189; the i.v. administration of drugs, (*E*) 1049
NORMAN, J. *see* READ, D. H., (*ARS*) 239P
NORSTRÖM, L. *see* FLETCHER, R. 177
NOVELLI, G. P. PEDUTO, V. A. BERTOL, E., MARI, F. and PIERACCIOLI, E. Analgesic interaction between nitrous oxide and deta-9-tetrahydrocannabinol in the rat 997
NUNN, J. F. *see* LYLE, D. J. R., (*ARS*) 250P; SHARER, N. M. 693

O'BOYLE, C., LABE, R., DARRAGH, A., TAFFE, W., BRICK, I. and KENNY, M. Ro 15–1788 antagonizes the effects of diazepam in man without affecting its bioavailability 349
O'CALLAGHAN, A. C., HAWES, D. W., ROSS, J. A. S., WHITE, D. C., and WLOCH, R. T. Uptake of isoflurane during clinical anaesthesia 1061
O'CALLAGHAN, A. C. *see* NAVARATNARAJAH, M., (*ARS*) 1156P
O'CONNOR, M., ESCARPA, A., DYE, A., DYE, J., HARVEY., J. and PRYS-ROBERTS, C. Ventilatory depression during and after infusion of alfentanil in man, (*ARS*) 905P
O'CONNOR, M., ESCARPA, A. and PRYS-ROBERTS, C. Ventilatory depression during and after infusion of alfentanil in man 217S
O'CONNOR, M. *see* COOPER, G. M. 179S
OH, T. E., (editor). *Intensive Care Manual*, (*R*) 94
ORCHARD, C. *see* HALL, G. M. (*C*) 254
ØRDING, H. *see* ENGBÆK, J. 497; 501
OSHIMA, E. *see* STEVENS, J. E. 145
O'SULLIVAN, G. *see* MOORE, R. A. 429
O'SULLIVAN, J. *see* HOULDSWORTH, H. B. 661; 671
OWEN, H. and HUNTER, A. R. Heterozygotes for atypical cholinesterase 315
OYAMA, T. *see* NAGAO, H., (*C*) 253

PALAYIWA, E., SANDERSON, M. H. and HAHN, C. E. W. Effects of carrier gas composition on the output of six anaesthetic vaporizers 1025
PAPWORTH, D. P. Adverse reactions to Althesin, (*C*) 256
PARBROOK, E. O. *see* PARBROOK, G. D., (*R*) 1047
PARBROOK, G. D., DAVIS, P. D. and PARBROOK, E. O. *Basic Physics and Measurement in Anaesthesia*, (*R*) 1047
PARK, G. R. *see* DRUMMOND, G. B., (*ARS*) 237P
PATTERSON, J. H. *see* HALL, G. M. 939; WALSH, E. S. 135
PAYNE, J.P. and UTTING, J. E. Atracurium 1S
PAYNE, J. P. *see* ASTLEY, B. A., (*ARS*) 1164P; BISHOP, V. A., (*ARS*) 1156P; HACKETT, G. H., (*ARS*) 911P; HUGHES, R., (*ARS*) 239P; 475; MADDEN, A. P. 53S; WALI, F. A., (*ARS*) 911P
PEARCE, A. C. *see* BENNETT, M. R., (*ARS*) 906P; JONES, R. M., (*ARS*) 908P; (*ARS*) 1163P
PEDERSEN, P. E. *see* BURLINGHAM, A. N., (*ARS*) 244P
PEDUTO, V. A. *see* NOVELLI, G. P. 997
PERRIN, F., PERROT, D., HOLZAPFEL, L. and ROBERT, D. Simultaneous variations of P_{ACO_2} and P_{ACO_2} in assisted ventilation 525
PERROT, D. *see* PERRIN, F. 525
PETTERSSON, K.-I. *see* MAGNUSSON, J. 405
PETTS, H. V. and PLEUVRY, B. J. Interactions of morphine and methotrimeprazine in mouse and man with respect to analgesia, respiration and sedation 437
PHAM, J. *see* CAMPINOS, L. 1103
PHILBIN, D. M., MACHAJ, V. R. TOMICHEK, R. C., SHNEIDER, R. C., ALBAN, J. C., LOWENSTEIN, E. and LINEBERRY, C. C. Haemodynamic effects of bolus injections of atracurium in patients with coronary artery disease 131S
PICKARD, J. D. *see* READ, D. H., (*ARS*) 918P
PIERACCIOLI, E. *see* NOVELLI, G. P. 997
PINAUD, M., ARNOULD, F. SOURON, R. and NICHOLAS, F. Influence of cardiac rhythm on the haemodynamic effects of fazadinium in patients with heart failure 507
PLEUVRY, B. J. An update on opoid receptors 143S
PLEUVRY, B. J. *see* PETTS, H. V. 437
POKAR, H. and BRANDT, L. Haemodynamic effects of atracurium in patients after cardiac surgery 139S
POLLARD, B. J. and JONES, R. M. Interactions between tubocurarine, pancuronium and alcuronium demonstrated in the rat phrenic nerve–hemidiaphragm preparation 1127
POL, VAN DER, F. *see* FRAGEN, R. J. 433

PORTER, E. J. B., McQUAY, H. J., BULLINGHAM, R. E. S., WEIR, L., ALLEN, M. C. and MOORE, R. A. Comparison of effects of intraoperative and postoperative methodone: acute tolerance to the postoperative dose? 325
PORTER, W. R. *see* GALE, G. D. 761
POTTS, R. C. *see* ROBERTSON, A. J. 339
POWER, S. J., MORGAN, M. and CHAKRABARTI, M. K. Carbon dioxide response curves following midazolam and diazepam 837
PRICHARD, J. S. *Edema of the lung*, (*R*) 259
PRYS-ROBERTS, C., DAVIES, J. R., CALVERLEY, R. K. and GOODMAN, N. W. Haemodynamic effects of infusions of diisopropyl phenol (ICI 35 868) during nitrous oxide anaesthesia in man 105
PRYS-ROBERTS, C, *see* ANDREWS, C. J. H. 211S; JONES, J. F. 849; LOW, J. M., (*ARS*) 1157P; O'CONNOR, M., (*ARS*) 905P; 217S; SEAR, J. W. 603
PUCHSTEIN, C., VAN AKEN, H., ANGER, C. and HIDDING, J. Influence of urapidil on intracranial pressure and intracranial compliance in dogs 443

RAINE, C. H. *see* CAMPBELL, I. T., (*ARS*) 1160P
RAMANURTHY, S. *see* MARSLAND, A. R. 555
READ, D. H., Du BOULAY, M. and NORMAN, J. Onset of respiratory muscle paralysis compared with that of the hand in response to Org NC45 and pancuronium, (*ARS*) 239P
READ, D. H., LOVICK, A. H. J. and PICKARD, J. D. A pre-operative test of cerebrovascular autoregulation following subarachnoid haemorrhage, (*ARS*) 918P
READER, J. A. Curare: manufacture and quality control, (*CWS*) 227
REED, P. N. and JAGO, R. H. Comparison of the frequency of muscle pain associated with suxamethonium in the pre-and post-ovulatory women and in those taking a combined oral contraceptive pill 377
REHDER, K. *see* GELB, A. 809
REICHARD, S. M. and HINSHAW, L. E. (editors). *Advances in Shock Research, Vols. 7 and 8.*, (*R*) 93
RESTALL, R. *see* BAKER, A. B. 817
RICHARD, L. C., BÜLLER, H. R., BOVILL, J. and CATE, J. W. ten. Influence of anaesthesia on coagulation and fibrinolytic proteins 869
RICHARDS, B. *see* DINGWALL, A. E. 877
RICHARDS, C. D. Actions of general anaesthetics in synaptic transmission in the CNS 201
RIGAMONTI, G., ZANELLA, E., LAMPUGNAMI, D., MARRANO, D., CAMPIONE, O., BRUNI, G., MANDELLI, V, and SACCHETTI, G. Dose–response study with indoprofen i.v. as an analgesic in postoperative pain 513
RIGG, D. *see* GRAHAM, G. G., (*C*) 919
ROBERT, D. *see* PERRIN, F. 525
ROBERTSON, A. J., GIBBS, J. H., POTTS, R. C., BROWN, R. A., MILNE, M. K., LAWSON, J. I. M. and SWANSON BECK, J. Effect of anaesthesia and surgery on the pre-S-phase cell cycle kinetics of nitrogen-stimulated lymphocytes of previously healthy people 339
ROBERTSON, D. H. Transsacral neurolytic nerve block. *An alternative approach to intractable perineal pain* 873; Subarachnoid spinal analgesia. *Changing patterns of practice* 1141
ROBERTSON, E. N., BOOIJ, L. H. D. J. and CRUL, J. F. Vecuronium and atracurium, (*C*) 1043
ROBERTSON, E. N., BOOIJ, L. H. D. J., FRAGEN, R. J. and CRUL, J. F. Clinical comparison of atracurium and vecuronium (Org NC 45) 125
ROBERTSON, E. N., FRAGEN, R. J., BOOIJ, L. H. D. J., EGMOND, VAN. J. and CRUL, J. F. Some effects of diisopropyl phenol (ICI 35 868) on the pharmacodynamics of atracurium and vecuronium in anaesthetized man 723
ROBERTSON, E. N. *see* FRAGEN, R. J. 433
ROBINSON, J. S. Hospital medical gas installations, (*E*) 807
ROBINSON, J. S. *see* MESSAHEL, F. M. 169
RODIO, Z. *see* JONZON, A. 1133
ROG, P. *see* BOUILL, J. G. 199S
ROSEN, M., SLATTERY, P. and VICKERS, M. D. Cardiff palliator, (*C*) 922
ROSEN, M. *see* BAHAR, M., (*ARS*) 243P; 250P; HARMER, M. 21; SLATTERY, P. J., (*ARS*) 245P
ROSENBERG, P. H. and HEINONEN, E. Differential sensitivity of A and C nerve fibres to long-acting amide local anaesthetics 163
ROSEWARNE, F. A. Vecuronium and atracurium, (*C*) 1042
ROSS, J. A. S., MONK, S. A. and DUFFY, W. Nitrous oxide increases halothane hepatotoxity in the hypoxic rat model, (*ARS*) 1162P
ROSS, J. A. S., WLOCH, R. T., WHITE, D. C. and HAWES, D. W. Servo-controlled closed-circuit anaesthesia. *A method for the automatic control of anaesthesia produced by a volatile agent in oxygen* 1053
ROSS, J. A. S. *see* NAVARATNARAJAH, M., (*ARS*) 1156P; O'CALLAGHAN, A. C. 1061
ROWLANDS, D. E. Atracurium in clinical anaesthesia 125S; atracurium in the severely ill 123S
ROYSTON, D., CATLEY, D. M., HIGENBOTTAM, T., WALLWORK, J. and MINTY, B. D. Changes in alveolar capillary barrier (ACB) function associated with cardiopulmonary bypass (CPB), (*ARS*) 917P
ROYSTON, D., JORDAN, C. and JONES, J. G. Effect of subanaesthetic concentrations of nitrous oxide in the regulation of ventilation in man 449
ROYSTON, D., MINTY, B. D., LOCKWOOD, G. and JONES, J. G. An index of the permeability factor (*K*ep) and pulmonary oedema in man, (*ARS*) 246
ROYSTON, D. *see* THORNTON, C.
ROYSTON, J. P. *see* SHARER, N. M. 693
RUCQUOI, M. and CAMU, F. Cardiovascular responses to large doses of alfentanil and fentanyl 223S
RUDD, G. D. *see* BRANDOM, B. W. 117S; GERGIS, S. D. 83S; SOKOLL, M. D. 77S
RUPP, S. M., FAHEY, M. R. and MILLER, R. D. Neuromuscular and cardiovascular effects of atracurium during nitrous oxide–fentanyl and nitrous oxide–isoflurane anaesthesia 675S
RUSSELL, I. F. Spinal anaesthesia for Caesarean section. The use of 0.5% bupivacaine 309
RUSSELL, W. J. *see* CUMMINGS, M. F. 619
RUTBERG, H., HENRIKSSON, K.-G., JORFELDT, L., LARSSON, J., MÅRTENSSON, J. and SCHILDT, B. Metabolic changes in a case of malignant hyperthermia 461
RYDER, W. A. *see* GARDAZ, J.-P., (*ARS*) 238P

SAARNIVAARA, L. *see* LINDGREN, L. 269; 747
SACCHETTI, G. *see* RIGAMONTI, G. 513
SALDEEN, T. *see* MODIG, J. 625
SALE, J. *see* HAMMOND, J. 955
SANDERSON, M. H. *see* PALAYIWA, E. 1025
SAPSED, S. *see* ASKITOPOULOU, H. 155
SARA, C. *see* WARK, H. 1139
SAVARESE, J. J. *see* ALI, H. H. 107S; BASTA, S. J. 105S
SAVEGE, T. M. *see* MAJOR, E. 371
SCHEHL, D. L. *see* STIRT, J. A. 71S
SCHILDT, B. *see* RUTBERG, H. 461
SCHUYT, H. C. *see* BOVILL, J. G. 199S
SCOTT, D. B. *see* CALVERLEY, P. M. 843; DUGGAN, J., (*ARS*) 1158P; McKEOWN, D. W., (*ARS*) 1160P; WILDSMITH, J. A. W. 381
SCOTT, I. L., BLACK, A. M. S., MAYNARD, P. and HAHN, C. E. W. Pulse polarography and intravascular oxygen electrodes 559

SCOTT WHEELER, A. *see* JAMES, F. M. III, (*R*) 260
SEAGER, S. J. *see* CLARKE, J. M. 1195
SEAR, J. W. and ALEXANDER, J. I. Comparison of buprenorphine–hyoscine and papaveretum–hyoscine as premedicants for gynaecological surgery 319
SEAR, J. W., PRYS-ROBERTS, C. and DYE, A. Hepatic function after anaesthesia for major vascular reconstructive surgery 603
SEBEL, P. S., MEYNARD, D. E., MAJOR, E. and FRANK, M. The cerebral function analysing monitor (CFAM). *A new microprocessor-based device for the on-line analysis of the EEG and evoked potentials* 1256
SEBEL, P. S. *see* BOVILL, J. G. 199S; WILLIAMS, D. J. M., (*ARS*) 908P
SEDIN, G. *see* JONZON, A. 1133
SEIGNEUR, F. *see* VOURC'H G. 969; 973
SELLERS, E. M. *see* GREENBLATT, D. J. 985
SELWYN CRAWFORD, J. *see* WHITTAKER, M. 581
SHADER, R. I. *see* GREENBLATT, D. J. 935
SHAH, J. L. Effect of posture on extradural pressure, (*ARS*) 907P
SHAPIRO, L. M. *see* CAMPBELL, I. T. (*ARS*) 1160P
SHARER, N. M., NUNN, J. F., ROYSTON, J. P. and CHANARIN, I. Effects of chronic exposure to nitrous oxide on methionine synthase activity 693
SHARROCK, N. E. and FIERRO, L. E. Jugular venous pulsations as the sole landmark for percutaneous internal jugular cannulation 1213
SHERRY, K. M. Post-extubation stridor in Down's Syndrome 53
SHINOZAKI, Y. *see* NAGAO, H. (*C*) 253
SHNEIDER, R. C. *see* PHILBIN, D. M. 131S
SIDHU, M. S., ASRANI, R. V. and BASSELL, G. M. An unusual complication of extradural catheterization in obstetric anaesthesia 473
SIGURDSSON, G. H., LINDAHL, S. and NORDEN, N. Influence of premedication on the sympathetic and endocrine responses and cardiac arrhythmias during halothane anaesthesia in children undergoing adenoidectomy 961
SIGURDSSON, G. H., WERNER, O. and FÅHRÆUS, T. Ventricular arrhythmia or supraventricular arrhythmia with aberrant conduction? An electrocardiographic study in halothane-anaesthetized children undergoing adenoidectomy 861
SIMPSON, P. J. *see* CARRIE, L. E. S., (*R*) 1275
SIMPSON, S. *see* MOORE, R. A. 429
SINCLAIR, C. J. *see* WILDSMITH, J. A. W. 381
SINCLAIR, M. *see* ANDREWS, C. J. H. 211S
SKARPA, M., DAYAN, A. D., FOLLENFANT, M., JAMES, D. A., MOORE, W. B., THOMPSON, P. M., LUCKE, J. N., MORGAN, M., LOVELL, R. and MEDD, R. Toxicity testing of atracurium 27S
SKEIE, S. *see* VAZEERY, A. K. 783
SKENE, D. S. *see* CUNNINGHAM, A. J. 423
SLATTERY, P. J., HARMER, M., ROSEN, M. and VICKERS, M. Comparison of the respiratory depressant effects of i.v. meptazinol and pethidine, (*ARS*) 245P
SLATTERY, P. J. *see* HARMER, M. 21
SLATTERY, P. *see* ROSEN, M., (*C*) 92
SMITH, G. *see* AITKENHEAD, A. R., (*ARS*) 905P; DERBYSHIRE, D. R. 855; FELL, D., (*C*) 256; HANNING, C. D., (*ARS*) 236P; HUNT, P. (*ARS*) 1155P; VATER, M. 357
SMITH, M. *see* HOULDSWORTH, H. B. 661; 671
SMITH, W. D. A. Waterton and Wourali, (*CWS*) 221; Waterton's medical interests, (*CWS*) 231
SOKOLL, M. D., GERGIS, S. D., MEHTA, M., KEMMOTSU, O. and RUDD, D. Haemodynamic effects of atracurium in surgical patients under nitrous oxide, oxygen and isoflurane anaesthesia 77S
SOKOLL, M. D. *see* GERGIS, S. D. 83S
SONANDER, H., STENQVIST, O., and NILSSON, K. Exposure to trace amounts of nitrous oxide. *Evaluation of urinary gas content monitoring in anaesthetic work* 1225
SONNTAG, H. *see* HILFAKER, O. 927
SØRENSEN, B. *see* ENGBÆK, J. 501
SOURON, R. *see* PINAUD, M. 507
SOUTHORN, P. *see* GELS, A. 809
SPENCE, A. A., (editor) *Respiratory Monitoring in Intensive Care*, (*R*) 259
SPENCER, R. *see* MARSH, R. H. K., (*ARS*) 242P
SPOEREL, W. E. and BAIN, J. A. Fresh gas flows, (*C*) 1039
SQUIRE, I. B. *see* SUTHERLAND, G. A. 1119
STELL, P. M. *see* CAMPBELL, I. T., (*ARS*) 1160P
STENLAKE, J. B., WAIGH, R. D., URWIN, J., DEWAR, G. H. and COKER, G. G. Atracurium: conception and inception 3S
STENQVIST, O. *see* SONANDER, H. 1225
STEVENS, J. E., OSHIMA, E and MORI, K. Effects of nitrous oxide in the epileptogenic property of enflurane in cats 145
STEWARD, D. J., (editor). *Some aspects of Paediatric Anaesthesia. Monographs in Anaesthesiology*, Volume 10, (*R*) 93
STIRT, J. A., KATZ, R. L. MURRAY, A. L., SCHEHL, D. L. and LEE, C. Modification of atracurium blockade by halothane and by suxamethonium 71S
STOELTING, R. K. *see* HILGENBERG, J. C. 81S
STONE, J. G. *see* KHAMBATTA, H. J., (*C*) 1165
STRINGER, M. *see* VESEY, C. J., (*ARS*) 906P
SUNDER, N. *see* ALI, H. H. 107S
SUTHERLAND, G. A., SQUIRE, I. B., GIBB, A. J. and MARSHALL, I. G. Neuromuscular blocking and autonomic effects of vecuronium and atracurium in the anaesthetized cat 1119
SUTTON, G. A. and McCLELLAND, G. R. Epigastric impedance: a pharmacological test of a new non-invasive method of measuring the rate of gastric emptying, (*ARS*) 913P
SUTTON, S. L. Charles Waterton in South American rain forests, (*CWS*) 230
SVENSSON, B. *see* DARDEL, VON. O. 41
SWANSON, BECK, J. *see* ROBERTSON, A. J. 339
SWARTZMAN, S. *see* BREADY, L. L. (*C*) 1040
SYKES, M. K. *see* GARDAZ, J.-P., (*ARS*) 238P; WELLER, S. F., (*ARS*) 913P
SYKES, W. S. *Essays on the First Hundred Years of Anaesthesia*, Volume 3., (*R*) 1045
SZYFELBEIN, S. K. *see* MARTYN, J. A. J. 263

TACHON, P., DESCOTES, J., LASCHI-LOQUERIE, A., GUILLOT, J. P. and EVREUX, J. C. Assessment of the allergenic potential of Althesin and its constituents 715
TAFFE, W. *see* O'BOYLE, C. 349
TAKAHASHI, T. and DOHI, S. Hemifacial spasm: a new technique of facial nerve blockade 333
TASSONYI, E. *see* FOLDES, F. F. 97S
TATNALL, M. L. *see* MORRIS, P. 1065
TEISNER, B. *see* BEST, N. 1149
THIND, G. S. and BRYSON, T. H. L. Single dose suxamethonium and muscle pain in pregnancy 743
THOMAS, V. J. E. *see* BARNES, P. K. 91S
THOMPSON, C. W. *see* MERRETT, R. A. 61; NEILL, E. A. M. 23S
THOMSON, I. A., FITCH, W., HUGHES, R. L. and CAMPBELL, D. Effect of increased concentrations of carbon dioxide during halothane anaesthesia on liver blood flow and hepatic oxygen consumption 1231
THOMSON, P. M. *see* SKARPA, M. 27S
THORN, J. *see* WILDSMITH, J. A. W. 381
THORNTON, C., CATLEY, D. M., JORDAN, C.,

LEHANE, J. R. ROYSTON, D and JONES, J. G. Enflurane anaesthesia causes graded changes in the brainstem and early cortical auditory evoked response in man 479
THORNTON, C. *see* NAVARATNARAJAH, M., (*ARS*) 1157
TODD, J. G., CUNNINGHAM, B. and NIMMO, W. S. Effect of premedication on gastric emptying and drug absorption, (*ARS*) 241P
TODD, J. G. and NIMMO, W. S. Effect of premedication on drug absorption and gastric emptying 1189
TOMICHEK, R. C. *see* PHILBIN, D. M. 131S
TRAYNOR, C. *see* WALSH, E. S. 135
TREASURE, T. *see* HAWKINS, S. S., (*ARS*) 1161P
TRINER, L. *see* VULLIEMOZ, Y. 79
TROJANOWSKI, A. *see* MORGAN, B. M. 885
TROUNSTINE, P. *see* BRUCE, D. L. 1259
TRUSSO, R. A. *see* AMARANTH, L. 531
TRYBA, M., ZENZ, M. and HAUSMANN, E. Prolonged anaesthesia after cuff release following i.v. regional analgesia with prilocaine 631
TSANACLIS, L. M. *see* FRANK, M., (*ARS*) 910P
TURNDORF, H. *see* BRUCE, D. L. 1259
TWEEDLE, D. E. F. *see* MARTIN, D. F. 779
TWOHIG, M. M., WARD, S. and CORALL, I. M. Conditions for tracheal intubation using atracurium compared with pancuronium 87S

URWIN, J. *see* STENLAKE, J. B. 3S
UTTING, J. E. *see* HUNTER, J. M. 129S; PAYNE, J. P. 1S

VAN AKEN, H. *see* PUCHSTEIN, C. 443
VANDAM, L. D. *see* DRIPPS, R. D., (*R*) 1046
VANDEN BUSSCHE, G. *see* COOKSON, R. F. 147S
VATER, M., ACHOLA, K. and SMITH, G. Catecholamine responses during anaesthesia for phaeochromocytoma 357
VATER, M. *see* AITKENHEAD, A. R., (*ARS*) 905P; DERBYSHIRE, D. R. 855
VAZEERY, A. K., SKEIE, S. and ANDA, O. Changes in cardiac output and systemic arterial pressure after insertion of acrylic cement during trimetaphan, sodium nitroprusside and glycerol trinitrate-induced hypotension 783
VENKATARAMAN, P. *see* KAY, B. 169S
VERGANI, D. *see* COLLETT, B. J., (*ARS*) 914P
VERNIQUET, A. J. W. *see* MAJOR, E. 371
VEROSKY, M. *see* VULLIEMOZ, Y. 79
VESEY, C. J., STRINGER, M. and COLE, P. V. Measurement of SNP in plasma and its mechanism of breakdown *in vivo*, (*ARS*) 906P
VIBY-MOGENSEN, J. *see* ENGBÆK, J. 497; 501
VICKERS, M. D. *see* HARMER, M. 21; ROSEN, M., (*C*) 922
VICKERS, M. *see* SLATTERY, P. J., (*ARS*) 245P
VIEIRA, E., CLEATON-JONES, P. and MOYES, D. Effects of low intermittent concentrations of nitrous oxide on the developing rat fetus 67
VIRY-BABEL, F. *see* MONERET-VAUTRIN, D. A. 469
VOURC'H, G., FISCHLER, M., MICHON, F., MELCHIOR, J. C. and SEIGNEUR, F. High frequency jet ventilation *v.* manual jet ventilation during bronchoscopy in patients with tracheo-bronchial stenosis 969; manual jet ventilation *v.* high frequency jet ventilation during laser resection of tracheo-bronchial stenosis 973
VOURC'H, G. *see* FISCHLER, M., (*C*) 920
VREE, T. B. *see* FRAGEN, R. J. 1077
VULLIEMOZ, Y., VEROSKY, M. ALPERT, M. and TRINER, L. Effect of enflurane on cerebeller cGMP and on motor activity in the mouse 79

WAIGH, R. D. *see* STENLAKE, J. B. 3S
WALDMANN, C. *see* MERRIFIELD, A. J., (*ARS*) 1155P
WALDRON, B. A. *Management of epidural Analgesia in Childbirth* (2nd edn.), (*R*) 1045
WALI, F. A. Interactions between i.v. anaesthethetics and depolarizing agents at the chick neuromuscular junction, (*ARS*) 240P; Neuromuscular actions of ICI 35 868. Interaction studies at the chick neuromuscular function, (*ARS*) 249P
WALI, F. A. and PAYNE, J. P. Effect of atracurium on release of acetylcholine at the vertebrate neuromuscular function in response to nerve stimulation at 2 Hz and at 50 Hz, (*ARS*) 911P
WALI, P. *see* MELZACK, R., (*R*) 1045
WALLWORK, J. *see* ROYSTON, D., (*ARS*) 917P
WALMSLEY, A. *see* HAMMOND, J., (*ARS*) 248p
WALSH, E. S., TRAYNOR, C., PATERSON, J. L. and HALL, G. M. Effect of different intraoperative fluid regimens on circulating metabolites and insulin during abdominal surgery 135
WALSH, E. S. *see* HALL, G. M. 939
WALTON, B. *see* FLYNN, P. J. 135S
WARD, S. and NEILL, E. A. M. Pharmacokinetics of atracurium in acute hepatic failure (with acute renal failure) 1169
WARD, S., NEILL, E. A. M., WEATHERLEY, B. C. and CORALL, I. M. Pharmacokinetics of atracurium besylate in healthy patients (after a single i.v. bolus dose) 113
WARD, S. and WRIGHT, D. Combined pharmacokinetic and pharmacodynamic study of a single bolus dose of atracurium 35S
WARD, S. *see* TWOHIG, M. M. 87S
WARDLEY-SMITH, B., LITTLE, H. J. and HALSEY, M. J. Anticonvulsant activity of Althesin and ketamine, (*ARS*) 235P
WARE, R. J. *see* COLLETT, B. J., (*ARS*) 914P
WARK, H. and SARA, C. The stability of adrenaline injection 1 in 10,000 1139
WATERLAND, J. W. *see* JONES, R. M., (*ARS*) 908P
WATKINS, J. *see* WILD, G., (*ARS*) 237P
WATSON, G. The Charles Waterton Collection, (*CWS*) 228
WAUQUIER, A. *see* BOVILL, J. G. 199S
WEATHERLEY, B. C., WILLIAMS, S. G. and NEILL, E. A. M. Pharmacokinetics, pharmacodynamics and dose–response relationships of atracurium administered i.v. 39S
WEATHERLEY, B. C. *see* WARD, S. 113
WEBB, A. C. Consciousness and the cerebral cortex 209
WEBB, F. W. *see* MERRETT, R. A. 61
WEIR, L. *see* PORTER, E. J. B. 325
WELLER, S. F., DAVIES, W. L. AND SYKES, M. K. Use of an improved respiratory inductive plethysmograph in anaesthesia, (*ARS*) 913P
WERNER, O. *see* FLETCHER, R. 177; MAGNUSSON, J. 405; SIGURDSSON, G. H. 861
WEST, D. M. *see* CALVEY, T. N. 57S
WESTENKOW, D. R., JORDAN, W. S. and HAYES, J. K. Uptake of enflurane: a study of the variability between patients 595
WESTERMAN, M. N. *see* FISCHLER, M. (*C*) 920
WESTGAARD, G. *see* DALE, O. 1217
WHITE, D. C. *see* NAVARATNARAJAH, M., (*ARS*) 1156P O'CALLAGHAN, 1061; ROSS, J. A. S. 1053
WHITTAKER, M. and SELWYN CRAWFORD, J. Postoperative ileus, pregnancy-related cholinesterase deficiency and suxamethonium after-pains. *A case report* 581
WHITWAM, J. G., AL-KHUDHAIRI, D. and McCLOY, R. F. Comparison of midazolam and diazepam in doses of comparable potency during gastroscopy 773
WHITWAM, J. G., CHAKRABARTI, M. K. KONARZEWZSKI, W. H. and ASKITOPOULOU, H. A new valveless all-purpose ventilator 1017
WHITWAM, J. G., NIV, D., LOH, L. and CHAKRABARTI,

M. K. Effect of intrathecal midazolam on nociceptive sympathetic reflexes, (*ARS*) 235P
WHITWAM, J. C. *see* ASKITOPOULOU, H. 155; CHAKRABARTI, M. K. 1005; NIV, D. 541
WIBERG-JØRGENSEN, F. *see* KLAUSEN, N.-O. 297
WICKBOM, G. *see* BERGGREN, L. 289
WILD, C. J. *see* MERRY, A. F. 303
WILD, G. and WATKINS, J. Immune complex involvement in non-immune anaphylactoid reactions to thiopentone, (*ARS*) 237P
WILDSMITH, J. A. W., DRUMMOND, G. B. and MACRAE, W. R. Pulmonary deadspace during induced hypotension, (*C*) 1165
WILDSMITH, J. A. W., SINCLAIR, C. J., THORN, J., MACRAE, W. R., FAGAN, D. and SCOTT, D. B. Haemodynamic effects of induced hypotension with a nitroprusside–trimetaphan mixture 381
WILDSMITH, J. A. W. *see* McCLURE, J. H. (*ARS*) 247P; McCLURE, J. H. 1089
WILLATTS, D. G., HARRISON, A. R., GROOM, J. F. and CROWTHER, A. Cardiac arrhythmias during outpatient dental anaesthesia: comparison of halothane and enflurane 399
WILLIAMS, D. G. *see* WEATHERLEY, B. C. 39S
WILLIAMS, D. J. M., MORGAN, R. J. M., SEBEL, P. S. and MAYNARD, D. E. Effect of nitrous oxide assessed by cerebral function analysing monitor (CFAM), (*ARS*) 908P
WILLIAMS, J. P., BOURKE, D. L. and JONES, R. M. Comparison of respiratory and skeletal muscle dynamics during low-dose suxamethonium infusion in man, (*ARS*) 912P
WILLIAMS, J. P. *see* JONES, R. M., (*ARS*) 908P; (*ARS*) 1163P
WILLIAMS, N. E., CALVEY, T. N. and CHAN, K. Plasma concentration of pyridostigmine during the antagonism of neuromuscular block 27
WILLIAMS, N. E. *see* CALVEY, T. N. 535; 57S; (*R*) 1046; MISHRA, P. 897
WILLIAMS, R. *see* NEUBERGER, J. 15
WILSON, J. *see* CHAMBERS, W. A. 1201
WILSON, N. *see* MORRAN, C. G. 1113
WISHART, H. Y. *see* MILLER, M. 1185
WLOCH, R. T. *see* NAVARATNARAJAH, M., (*ARS*) 1156P; O'CALLAGHAN, A. C. 1061; ROSS, J. A. S. 1053
WOOD, A. *see* WOOD, M., (*R*) 365
WOOD, M. and WOOD, A., (editors). *Drugs and Anesthesia: Pharmacology for anesthesiologists*, (*R*) 365
WREN, W. S. High frequency positive presssure ventilation (HFPPU) in a newborn infant with ruptured lungs 575
WRIGHT, A. D. G. and DRUMMOND, G. B. A technique for comparison of two muscle sites during neuromuscular block, (*ARS*) 1164P
WRIGHT, A. D. G. *see* DRUMMOND, G. B. 585
WRIGHT, D. *see* HAMMOND, J., (*ARS*) 248P; 955; WARD, S. 35S
WRIGHT, J. W. *see* HEALY, T. E. J., (*C*) 1041

YAMASHITA, M. *see* NAGAO, H., (*C*) 253
YATE, P. M. *see* AUN, C. 371
YONEZAWA, T. *see* NISHINO, T. 647

ZANELLA, E. *see* RIGAMONTI, G. 513
ZENZ, M. *see* TRYBA, M. 631
ZHONG, N. S. *see* DRUMMOND, G. B. 3
ZOUIOUECHE, S. *see* NITENBERG, A. 1179
ZUCK, D. *see* NICHOL, H. C. 141

SUBJECT INDEX

A and C nerve fibres, differential sensitivity to long-acting amide local anaesthetics, ROSENBERG, P. H., *et al.* 163

Abdominal surgery, effect of different intraoperative fluid regimens on circulating metabolites and insulin during, WALSH, E. S., *et al.* 135

Abur , of benzodiazepines, DUNDEE, J. W., (*E*) 1

Acetylcholine, effect of atracurium on release of, at the vertebrate neuromuscular junction in response to nerve stimulation at 2 Hz and at 50 Hz, WALI, F. A., *et al.*, (*ARS*) 911P

Acrylic cement, changes in cardiac output and systemic arterial pressure after insertion of, during trimetaphan, sodium nitroprusside and glycerol trinitrate-induced hypotension, VAZEERY, A. K., *et al.* 783

Adductor pollicis muscle, assessment of atracurium by tetanic and train-of-four responses of the, in anaesthetized man, HUGHES, R., *et al.*, (*ARS*) 239P

Adenosine, and leg blood flow during porcine malignant hyperthermia, HALL, G. M., *et al.*, (*C*) 253

Adrenaline, effect on duration of infraorbital nerve block with lignocaine in the rat, KIRCHA, S., *et al.* 719

——, injection 1 in 10,000, stability, WARK, H., *et al.* 1139

Advances in Shock Research, Vols 7 and 8, REICHARD, S. M., *et al.*, (editors), (*R*) 93

Air break receiver unit, an improved, HOULDSWORTH, H. B., *et al.* 671

——, dynamic behaviour, HOULDSWORTH, H. B., *et al.* 661

Alaproclate, and morphine, effects on the ventilatory response to carbon dioxide in normal man, CALVERLEY, P. M. A., *et al.* 843

Alcuronium, administration, recovery from neuromuscular blockade following, ASTLEY, B. A., *et al.*, (*ARS*) 1164

——, and pancuronium, effects on the changes in arterial pressure and plasma catecholamine concentrations during tracheal intubation, CUMMINGS, M. F., *et al.* 619

——, speeding the onset of neuromuscular block by, HUTTON, P., *et al.*, (*ARS*) 918P

——, tubocurarine and pancuronium interactions, demonstrated in the rat phrenic nerve–hemidiaphragm preparations, POLLARD, B. J., *et al.* 1127

Alfentanil, and fentanyl, cardiovascular responses to large doses, RUCQUOI, M., *et al.* 2235

——, and fentanyl, dissociation between the effects on spontaneous and reflexly evoked cardiovascular responses in the dog, ASKITOPOULOU, H., *et al.* 155

——, and fentanyl, effect on recovery from brief anaesthesia, COOPER, G. M., *et al.* 179S

——, and fentanyl, in comparison with etomidate or Althesin. Intravenous anaesthesia for minor surgery, KAY, B., *et al.* 165S

——, and fentanyl, recovery after anaesthesia for minor surgery, KAY, B., *et al.* 169S

——, as an adjuvant for short anaesthetic procedures, a clinical trial, HULL, C. J., *et al.* 173S

——, high-dose, influence on the electroencephalogram: correlation with plasma concentrations, BOVILL, J. G., *et al.* 199S

——, infusion, pharmacokinetics in man, FRAGEN, R. J., *et al.* 1077

——, infusion, ventilatory depression during and after, in man, O'CONNOR, M., *et al.*, (*ARS*) 905P

——, introduction to the supplement, HUNTER, A. R., *et al.* 141S

——, or fentanyl, ventilatory effects during and after continuous infusion, ANDREWS, C. J. H., *et al.* 211S

Alfentanil, pharmacokinetics in man, HULL, C. J. 157S

——, plasma concentrations required to supplement nitrous oxide anaesthesia for lower abdominal surgery, AUSEMS, M. E., *et al.* 191S

——, the development of, COOKSON, R. F., *et al.* 147S

——, ventilatory depression during and after infusion in man, O'CONNOR, M., *et al.* 217S

Alfentanil–oxygen anaesthesia, plasma concentrations and clinical effects during variable-rate continuous infusion for coronary artery surgery, LANGE, DE L., *et al.* 183S

Allergenic potential, of Althesin and its constituents, assessment, TACHON, P., *et al.* 715

Althesin, adverse reactions to, PAPWORTH, D. P., (*C*) 256

——, anaphylaxis caused by anti-cremophor EL IgG STS antibodies in a case of reaction to, MONERET-VAUTRIN, D. A., *et al.* 469

——, and its constituents, assessment of the allergenic potential, TACHON, P., *et al.* 715

——, and ketamine, anticonvulsant activity, WARDLEY-SMITH, B., *et al.*, (*ARS*) 235P

——, or etomidate, a comparison with fentanyl or alfentanil. Intravenous venous anaesthesia for minor surgery, KAY, B., *et al.* 165S

Althesin infusions, to supplement nitrous oxide anaesthesia in man, baroreflex effects, JONES, D. F., *et al.* 849

Alveolar capillary barrier (ACB) **function,** changes associated with cardiopulmonary bypass (CPB), ROYSTON, D., *et al.*, (*ARS*) 917P

Alveolar deadspace, during high frequency positive pressure ventilation. *Influence of ventilatory pattern,* JONZON, A., *et al.* 1133

Amethocaine, and morphine, single injection spinal anaesthesia for transurethral prostatectomy, CUNNINGHAM, A. J., *et al.* 423

Amide local anaesthetics, long acting, differential sensitivity of A and C nerve fibres to, ROSENBERG, P. M., *et al.* 163

Anaesthesia, and surgery, effect on the pre-S-phase cell cycle kinetics of mitogen-stimulated lymphocytes of previously healthy people, ROBERTSON, A. J., *et al.* 339

Anaesthetic effects, and haemodynamic effects of chlormethiazole and thiopentone, CHRISTENSEN, J. H., *et al.* 391

Anaesthetic gas scavenging system, hydrodynamic evaluation, MOSTAFA, S. M., *et al.* 681

Anaesthetic records, computer-based automatic, NAQVI, N. H., (*ARS*) 916P

——, the semi-automated production of, CUSHMAN, J., *et al.*, (*ARS*) 240P

Anaesthetic safety, and effects of the argon laser, McLAREN, I. D., *et al.* 1001

Anaesthetic vaporizers, effects of carrier gas composition on the output of six, PALAYIWA, E., *et al.* 1025

Analgesia, respiration and sedation, interactions of morphine and methotrimeprazine in mouse and man with respect to, PETTS, H. V., *et al.* 437

Anaphylaxis, caused by anti-cremophor EL IgG STS antibodies in a case of reaction to Althesin, MONERET-VAUTRIN, D. A., *et al.* 469

Antacids, effect on the plasma concentration of phenoperidine, CALVEY, T. N., *et al.* 535

"Anterior" larynx, and the atlanto-occipital gap, difficult laryngoscopy, NICHOL, H. C., *et al.* 141

Anticonvulsant activity, of Althesin and ketamine, WARDLEY-SMITH, B., *et al.*, (*ARS*) 235P

Antidepressants, do not increase the lethality of ketamine in

mice, BRUCE, D. L., *et al.* 457
Aortic valve disease, cardiovascular effects of ICI 35 868 in patients with, AUN, C., *et al.*, (*ARS*) 909P
Aorto-coronary bypass surgery, haemodynamic changes during induction of anaesthesia with midazolam and diazepam (Valium) in patients undergoing, KAWAR, P., *et al.*, (*ARS*) 915P
Apple II microcomputer, a simple record system for the, MADSEN, S., *et al.*, (*ARS*) 910P
ARDS, FLETCHER, R., (*C*) 254
Argon laser, effects on anaesthetic gases and endotracheal tubes, McLAREN, I. D., *et al.* 1001
Arterial cannulation, in clinical research, BISHOP, V. A., *et al.*, (*ARS*) 1156P
Arterial pressure, changes in, and catecholamine concentrations during tracheal intubation, effects of pancuronium and alcuronium on, CUMMINGS, M. F., *et al.* 619
Artificial respiration, for respiratory failure, inspired oxygen and oxygen transfer during, DRUMMOND, G. B., *et al.* 3
Aspiration, of gastric contents, the value of early fibreoptic bronchoscopy after, CAMPINOS, L., *et al.* 1103
Atlanto-occipital gap, and the "anterior" larynx, difficult laryngoscopy, NICHOL, H. C., *et al.* 141
Atracurium, PAYNE, J. P. and UTTING, J. E., (*E*) 1S
——, a model for, HULL, C. J., (*E*) 95
——, and neuromuscular function, monitoring, HARDY, P. J. A., (*C*) 919
——, and other short-acting neuromuscular blocking agents, protein binding and their interaction with human cholinesterases, FOLDES, F. F., *et al.* 31S
——, and suxamethonium, intubation conditions after, GERGIS, S. D., *et al.* 83S
——, and vecuronium, ROSEWARNE, F. A., (*C*) 1042
——, and vecuronium, neuromuscular blocking and autonomic effects in the anaesthetized cat, SUTHERLAND, G. A., *et al.* 1119
——, and vecuronium (Org NC 45), clinical comparison, ROBERTSON, E. N., *et al.* 125
——, and vecuronium, some effects of diisopropyl phenol (ICI 35 868) on the pharmacodynamics of, in anaesthetized man, ROBERTSON, E. N., *et al.* 723
——, antagonism with neostigmine or edrophonium, recovery characteristics, JONES, R. M., *et al.*, (*ARS*) 1163P
——, assessment by the tetanic and train-of-four responses of the adductor policis muscle in anaesthetized man, HUGHES, R., *et al.*, (*ARS*) 239P
——, assessment of tetanic fade following, MADDEN, A. P., *et al.* 54S
——, BW A444U and vecuronium, evaluation of cumulative properties of three new non-depolarizing neuromuscular blocking drugs, ALI, H. H., *et al.* 107S
——, by infusion – a dosimetric study of two infusion rates, LEVACK, I. D., *et al.*, (*ARS*) 1163P
——, clinical assessment using the single twitch and tetanic responses of the adductor pollicis muscles, HUGHES, R., *et al.* 47S
——, clinical pharmacology in paediatric patients, BRANDOM, B. W., *et al.* 117S
——, combined pharmacokinetic and pharmacodynamic study of a single bolus dose, WARD, S., *et al.* 35S
——, compared with tubocurarine, effects on heart rate and arterial pressure in anaesthetized man, BARNES, P. K., *et al.* 91S
——, comparison of muscular relaxation with vecuronium (Org NC45) and Duador under balanced anaesthesia, FOLDES, F. F., *et al.* 97S
——, comparison with vecuronium (Org NC45) and pancuronium, GRAMSTAD, L., *et al.* 95S
——, conception and inception, STENLAKE, J. B., *et al.* 3S
——, conditions for tracheal intubation compared with pancuronium, TWOHIG, M. M., *et al.* 87S
Atracurium, dimethyl tubocurarine and tubocurarine, histamine-releasing potencies, BASTA, S. J., *et al.* 105S
——, effect on release of acetycholine at the vertebrate neuromuscular junction in response to nerve stimulation at 2 Hz and at 50 Hz, WALI, F. A., *et al.*, (*ARS*) 911P
——, electromyographic assessment of neuromuscular blockade induced by, CALVEY, T. N., *et al.* 57S
——, haemodynamic effects during enflurane–nitrous oxide anaesthesia, HILGENBERG, J. C., *et al.* 81S
——, haemodynamic effects in patients after cardiac surgery, POKAR, H., *et al.* 139S
——, haemodynamic effects in surgical patients under nitrous oxide, oxygen and isoflurane anaesthesia, SOKOLL, M. D., *et al.* 77S
——, haemodynamic effects of bolus injections in patients with coronary artery disease, PHILBIN, D. M., *et al.* 131S
——, in clinical anaesthesia, ROWLANDS, D. E. 125S
——, in obstetric anaesthesia. *A preliminary report,* FRANK, M., *et al.* 113S
——, in paediatric anaesthesia, NIGHTINGALE, D. A., *et al.* 115S
——, in renal failure, HUNTER, J. M., *et al.* 129S
——, in the severely ill, ROWLANDS, D. E. 123S
——, *in vitro* degradation in human plasma, MERRETT, R. A., *et al.* 61
——, interaction with drugs used in anaesthesia, CHAPPLE, D. J., *et al.* 17S
——, i.v., pharmacokinetics, pharmacodynamics and dose–response relationships, WEATHERLEY, B. C., *et al.* 39S
——, metabolism and kinetics: an overview, NEILL, D. V., *et al.* 23S
——, modification of blockade by halothane and suxamethonium. *A review of clinical experience,* STIRT, J. A., *et al.* 71S
——, neuromuscular and cardiovascular effects during nitrous oxide–fentanyl and nitrous oxide–isoflurane anaesthesia, RUPP, S. M., *et al.* 67S
——, pancuronium and vecuronium, effects on the lower oesophageal sphincter, HUNT, P., *et al.*, (*ARS*) 1155P
——, pharmacokinetics in acute hepatic failure (with acute renal failure), WARD, S., *et al.* 1169
——, pharmacological action of breakdown products and related substances, CHAPPLE, D. J., *et al.* 11S
——, recovery of respiration following neuromuscular blockade by, HACKETT, G. H., *et al.*, (*ARS*) 911P
——, reversal with edrophonium, BAIRD, W. L. M., *et al.* 63S
——, toxicity testing, SKARPA, M., *et al.* 27S
——, use of infusions for general surgical procedures including cardiac surgery with induced hypothermia, FLYNN, P. V., *et al.* 135S
Atracurium besylate, pharmacokinetics in healthy patients (after a single i.v. bolus dose), WARD, S., *et al.* 113
Atropine, and glycopyrrolate, in the prevention of brachycardia and dysrhythmias following repeated doses of suxamethonium in children, GREEN, D. W., *et al.*, (*ARS*) 1163P
——, and metoclopramide effect on the plasma concentrations of orally administered zopiclone, ELLIOTT, P., *et al.*, (*ARS*) 1159
——, compared with glycopyrrolate. Pattern of change of bronchomotor tone following reversal of neuromuscular blockade, HAMMOND, J. *et al.* 955
——, effect on the spectral analysis of heart rate variability, GRAHAM, I. F. M., *et al.*, (*ARS*) 916P
——, i.m., and regurgitation, FELL, D., *et al.*, (*C*) 256
——, or glycopyrrolate, gastric emptying following premedication with, CLARK, J. M., *et al.* 1195
Auditory evoked response, in man, effect of etomidate, NAVARATNARAJAH, M., *et al.*, (*ARS*) 1157P
Auditory test, of the sedative effects of drugs and anaesthetics, DODSON, M. E., *et al.*, (*ARS*) 236P

Autonomic effects, and neuromuscular blocking effects of vecuronium and atracurium in the anaesthetized cat, SUTHERLAND, G. A., *et al.* 1119

Bain system, for spontaneous respiration, HUMPHREY, D., (*C*) 922
——, to evaluate rebreathing during anaesthesia with spontaneous ventilation, MEAKIN, G., *et al.* 487
Balanced anaesthesia, muscular relaxation with atracurium, vecuronium and Duador under, FOLDES, F. F., *et al.* 97S
Baroreflex effects, of Althesin infusions to supplement nitrous oxide anaesthesia in man, JONES, D. F., *et al.* 849
Basic Physics and Measurement in Anaesthesia, PARBROOK, G. D., *et al.*, (*R*) 1047
Benzodiazepine antagonist Ro 15–1788, differential effects on the "general anaesthetic" actions of the benzodiazepines, BICHARD, A. R., *et al.*, (*ARS*) 912P
Benzodiazepine lipophilicity, *in vitro* quantitation: relation to *in vivo* distribution, GREENBLATT, D. J., *et al.* 985
Benzodiazepine premedication, and general anaesthesia, psychomotor performance after, MALE, C. G., *et al*, (*ARS*) 1159P
Benzodiazepines, abuse of DUNDEE, J. W., (*E*) 1
——, differential effects of the benzodiazepine antagonist Ro 15–1788 on the "general anaesthetic" actions of the, BICHARD, A. R., *et al.*, (*ARS*) 912P
——, where next? DUNDEE, J. W., (*E*) 261
Bier's blockade, dangers of cubital fossa injections for, EL-HASSAN, K., *et al.*, (*ARS*) 1158P
Bioavailability, Ro 15–1788 antagonizes the effects of diazepam in man without affecting its, O'BOYLE, C., *et al.* 349
Biochemical evidence, and cardiovascular evidence of stress during major surgery associated with different techniques of anaesthesia, BLUNNIE, W. P., *et al.* 611
Blood patch, immediate or delayed after accidental dural puncture, CHRISTENSEN, F. R., *et al.* 89
Bolus atracurium, combined pharmacokinetic and pharmacodynamic study of a single dose, WARD, S., *et al.* 35S
Bolus injection, of suxamethonium, clinical and pharmacological actions of a: two phenomena of district duration, d'HOLLANDER, A. A., *et al.* 131
Bolus injections, haemodynamic effects of atracurium in patients with coronary artery disease, PHILBIN, D. M., *et al.* 131S
Book Reviews
Advances in Shock Research, Vols 7 and 8, REICHARD, S. M., *et al.*, (editors), (*R*) 93
Basic Physics and Measurement in Anaesthesia, PARBROOK, G. D., *et al.*, (*R*) 1047
Current Reviews in Obstetrics and Gynaecology. Obstetric Anaesthesia and Analgesia, CRAWFORD, J. S., (*R*) 1048
Drugs and Anesthesia: Pharmacology for Anesthesiologists, WOOD, M., *et al.*, (editors), (*R*) 365
Edema of the Lung, PRICHARD, J. S., (*R*) 259
Essays on the First Years of Anaesthesia, Volume 3, SYKES, W. S., (*R*) 1045
Infection and the Perioperative Period, MATHIEU, A., *et al.*, (*R*) 366
Intensive Care Manual, OH, T. E., (editor), (*R*) 94
Introduction to Anaesthesia. The Principles of Safe Practice, DRIPPS, R. D., *et al.*, (*R*) 1046
Lecture Notes on Anaesthetics (2nd edn.), LUNN, J. N., (*R*)
Management of Epidural Analgesia in Childbirth (2nd edn.), WALDRON, B. A., (*R*) 1045
Obstetric Anaesthesia: The Complicated Patient, JAMES, F. M. III., *et al.*, (editors), (*R*) 260
Principles and Practice of Blood Gas Analyses, ADAMS, A. P., *et al.*, (*R*) 365
Principles and Practice of Pharmacology for Anaesthetists, CALVEY, T. N., *et al.*, (*R*) 1046
Pulmonary Diseases. Medical Examination Review, LAPP, N. L., (editor), (*R*) 1275
Recent Advances in Critical Care Medicine-2, LEDINGHAM, I. McA., *et al.*, (editors), (*R*) 1047
Resuscitation. Clinics in Emergency Medicine, JACOBSON, S., (editor), (*R*) 1275
Some Aspects of Paediatric Anaesthesia. Monographs in Anaesthesiology, Volume 10, STEWARD, D. J., (editor), (*R*) 93
The Challenge of Pain, MELZACK, R., *et al.*, (*R*) 1045
The Quality of Care in Anaesthesia, GRUNDY, B. L., *et al.*, (editors), (*R*) 259
Understanding Anaesthesia, CARRIE, L. E. S., *et al.*, (*R*) 1275
Bradycardia, and dysrhythmias following repeated doses of suxamethonium in children, prevented by glycopyrrolate and atropine, GREEN, D. W., *et al.*, (*ARS*) 1163P
——, intraoperative, and hypotension associated with timolol and pilocarpine eye drops, MISHRA, P., *et al.* 897
Breakdown products of atracurium, and related substances, pharmacological action, CHAPPLE, D. J., *et al.* 11S
Breathing circuits, three anaesthetic, the additional work of breathing imposed by, BEATTY, P., *et al.*, (*ARS*) 243P
Breathing systems, five anaesthetic, change in the work of breathing imposed by, KAY, B., *et al.* 1239
Bronchial intubation, selective contralateral, in children with pneumothorax or bronchopleural fistula, BARAKA, A., *et al.* 901
Bronchomotor tone, effect of isoflurane on, HENEGHAN, C. P. H., *et al.*, (*ARS*) 248P
——, effect of i.v. cimetidine on, HAMMOND, J., *et al.*, (*ARS*) 248P
——, pattern of change following reversal of neuromuscular blockade. *Comparison of atropine and glycopyrrolate,* HAMMOND, J., *et al.* 955
Bronchoscopy, high frequency jet ventilation *v.* manual jet ventilation during, in patients with tracheo-bronchial stenosis, VOURC'H, G., *et al.* 969
Bupivacaine, and prilocaine in i.v. regional anaesthesia (IVRA), McKEOWN, D. W., *et al.*, (*ARS*) 1160P
——, cocaine or lignocaine for spinal analgesia without muscle paralysis in the rat, BAHAR, M., *et al.*, (*ARS*) 243P
——, injected with intrathecal morphine, effects on pain after orthopaedic surgery, KANSO, E. 415
——, 0.5%, used for spinal anaesthesia for Caesarean section, Russell, I. F. 309
Buprenorphine, comparison with pentazocine given i.v. on demand in the control of postoperative pain, HARMER, M., *et al.* 21
——, extradural, KAY, B., (*C*) 255
Buprenorphine–hyoscine, compared with papaveretum–hyoscine as premedicants for gynaecological surgery, SEAR, J. W., *et al.* 319
Burned patients, paediatric, metocurine requirements and plasma concentrations in, MARTYN, J. A. J., *et al.* 263
BW A444U, atracurium and vecuronium, evaluation of cumulative properties of three non-depolarizing neuromuscular blocking drugs, ALI, H. H., *et al.* 107S

Caesarean section, anaesthesia for. *A medical audit of junior anaesthetic staff practice,* MORGAN, B. M., *et al.* 885
——, extradural morphine for the relief of pain following, CHAMBERS, W. A., *et al.* 1201
——, spinal anaesthesia for. The use of 0.5% bupivacaine, RUSSELL, I. F. 309
——, use of lorazepam as a premedicant for. An evaluation of its effects on the mother and neonate, HOUGHTON, D. J. 767
Carbon dioxide and halothane, separate effects on respiratory

duration in vagotomized cats, NISHINO, T., *et al.* 647
Carbon dioxide, effect of increased concentrations during halothane anaesthesia on liver blood flow and hepatic oxygen consumption THOMSON, I. A., *et al.* 1231
——, output, and continuous measurement of oxygen uptake in artificially ventilated patients, HENDERSON, A. M., *et al.* 791
——, ventilatory response to, effects of alaproclate and morphine in normal man, CALVERLEY, P. M. A., *et al.* 843
Carbon dioxide elimination, using the Siemens-Elema CO_2 Analyzer, sources of error and their correction in the measurement of, FLETCHER. R., *et al.* 177
Carbon dioxide response curves, following midazolam and diazepam, Power, S. J., *et al.*, 837
Carcinoid syndrome, prophylactic use of Ketanserin in a patient with, FISCHLER, M., *et al.*, (*C*) 920
Cardiac arrhythmias, and catecholamines, influence of premedication during halothane anaesthesia in children undergoing adenoidectomy, SIGURDSSON, G. H., *et al.* 961
——, during outpatient dental anaesthesia: comparison of halothane with enflurane, WILLATTS, D. G., *et al.* 399
Cardiac effects, of vecuronium and pancuronium during halothane anaesthesia, ENGÆK, J., *et al.* 501
Cardiac output, and positive airway pressure therapy, BURLINGHAM, A. N., *et al.*, (*ARS*) 244P
——, and systemic arterial pressure, changes after insertion of acrylic cement during trimetaphan, sodium nitroprusside and glycerol trinitrate-induced hypotension, VAZEERY, A. K., *et al.* 783
——, increased, dopamine and increased pulmonary artery pressure, effects on hypoxic pulmonary vasoconstriction, GARDAZ, J. P., *et al.*, (*ARS*) 238P
Cardiac rhythm, influence on the haemodynamic effects of fazadinium in patients with heart failure, PINAUD, M., *et al.* 507
Cardiac surgery, haemodynamic effects of atracurium in patients after, POKAR, H., *et al.* 139S
Cardiff Palliator, ROSEN, M., *et al.*, (*C*) 922
Cardiopulmonary bypass, changes in serum calcium fractions and citrate concentrations during massive blood transfusions and, ABBOTT, T. R. 753
——, complement activation during, COLLETT, B. J., *et al.*, (*ARS*) 914P
——, (CPB), changes in alveolar capillary barrier (ACB) function associated with, ROYSTON, D., *et al.*, (*ARS*) 917P
——, lignocaine kinetics during. *Optimum dosage and the effects of haemodilution,* MORRELL, D. F., *et al.* 1173
Cardiovascular, and catecholamine responses to ECT in untreated hypertensives compared with normotensives, JONES, R. M., *et al.*, (*ARS*) 908P
——, and neuromuscular effects of atracurium during nitrous oxide–fentanyl and nitrous oxide–isoflurane anaesthesia, RUPP, S. M., *et al.* 67S
Cardiovascular effects, of ICI 35 868 in patients with aortic valve disease, Aun, C., *et al.*, (*ARS*) 909P
——, of Org NC 45 and pancuronium in dogs, FITZAL, S., *et al.* 641
Cardiovascular evidence, and biochemical evidence of stress during major surgery associated with different techniques of anaesthesia, BLUNNIE, W. P., *et al.* 611
Cardiovascular responses, in the dog, dissociation between the effects of fentanyl and alfentanil on spontaneous and reflexly evoked, ASKITOPOULOU, H., *et al.* 155
——, to enflurane induction followed by suxamethonium in children, LINDGREN, L., *et al.* 269
——, to large doses of alfentanil and fentanyl, RUCQUOI, M., *et al.* 223S
Cat, anaesthetized, neuromuscular blocking and autonomic effects of vecuronium and atracuronium in the, SUTHERLAND, G. A., *et al.* 1119
Cat, effect of nitrous oxide on the epileptogenic property of enflurane in the, STEVENS, J. E., *et al.* 145
Catecholamine, and cardiovascular responses to ECT in untreated hypertensives compared with normotensives, JONES, R. M., *et al.*, (*ARS*) 908P
——, plasma concentration, and changes in arterial pressure, during tracheal intubation, effects of pancuronium and alcuronium on, CUMMINGS, M. F., *et al.* 619
——, plasma, responses to tracheal intubation, DERBYSHIRE, D. R., *et al.* 855
Catecholamine responses, during anaesthesia for phaeochromocytoma, Vater, M., *et al.* 357
Catecholamines, and cardiac arrhythmias, influence of premedication during halothane anaesthesia in children undergoing adenoidectomy, SIGURDSSON, G. H., *et al.* 961
Cerebellar cGMP, effect of enflurane on, and motor activity in the mouse, VULLIEMOZ, Y., *et al.* 79
Cerebral cortex, and consciousness, WEBB, A. C. 209
Cerebral Function Analysing Monitor, (CFAM). *A new microprocessor-based device for the on-line analysis of the EEG and evoked potentials,* SEBEL, P. S., *et al.* 1265
——, comparison of plasma thiopentone concentrations during repeated bolus injections of thiopentone, FRANK, M., *et al.*, (*ARS*) 910P
——, effect of nitrous oxide assessed by, WILLIAMS, D. J. M., *et al.*, (*ARS*) 908P
Cerebral perfusion pressure, and intracranial pressure, effects of 2% enflurane on, MOSS, E., *et al.* 1083
Cerebrospinal fluid flow, in two spinal needles, factors affecting, MESSAHEL, F. M., *et al.* 169
Cerebrovascular autoregulation, a preoperative test following subarachnoid haemorrhage, READ, D. H., *et al.*, (*ARS*) 918P
Charles Waterton, (1782–1865), ELLIS, F. R., (*CWS*) 221
——, conservationist, ALLEN, D. E., (*CWS*) 230
——, in South American rain forests, SUTTON, S. L., (*CWS*) 230
Charles Waterton Collection, WATSON, G., (*CWS*) 228
Chest wall movements, DRUMMOND, G., (*E*) 925
Chick neuromuscular junction, interaction studies. Neuromuscular actions of ICI 35 868, WALI, F. A., (*ARS*) 249P
——, interactions between i.v. anaesthetics and depolarizing agents at the, WALI, F. A., (*ARS*) 240P
Children, and adults, ketamine disposition, GRANT, I. S., *et al.* 1107
——, cardiovascular responses to enflurane induction followed by suxamethonium in, LINDGREN, L., *et al.* 269
——, effect of competitive myoneural blockade and fentanyl on muscle fasciculations caused by suxamethonium in, LINDGREN, L., *et al.* 747
——, use of fazadinium. *An electromyographic study,* ESENER, Z. 1205
Chlormethiazole, and thiopentone, comparison of the anaesthetic and haemodynamic effects, CHRISTENSEN, J. H., *et al.* 391
Cholecystectomy, continuous intercostal nerve blockade for pain relief following, MURPHY, D. F. 521
Cholinesterase, atypical, heterozygotes for, OWEN, H., *et al.* 315
Cholinesterase deficiency, postoperative ileus and suxamethonium after-pains. *A Case Report,* WHITTAKER, M., *et al.* 581
Cholinesterases, human, protein binding of atracurium and other short-acting neuromuscular blocking agents and their interaction with, FOLDES, F. F., *et al.* 31S
Chronic cannulation, of the extradural or subarachnoid space in the rat, BAHAR, M., *et al.*, (*ARS*) 250P
Cimetidine, i.v. effect on bronchomotor tone, HAMMOND, J., *et al.*, (*ARS*) 248P

Circulating metabolites, and insulin, effect of different intraoperative fluid regimens on, during abdominal surgery, WALSH, E. S., *et al.* 135
Clinical anaesthesia, atracurium in, ROWLANDS, D. E. 125S
Clinical comparison, of atracurium and vecuronium (Org NC 45), ROBERTSON, E. N., *et al.* 125
Clinical evaluation, of controlled anaesthesia: an approach using patient characteristics identified during uptake, MORRIS, P., *et al.* 1065
——, of Org NC 45, MIRAKHUR, R. K., *et al.* 119
Clinical pharmacology, of atracurium in paediatric patients, BRANDOM, B. W., *et al.* 117S
Closed-circuit anaesthesia, servo-controlled. *A method for the automatic control of anaesthesia produced by a volatile agent in oxygen,* ROSS, J. A. S., *et al.* 1053
Closed-circuit breathing system, servo-control of liquid anaesthetic injection into a uptake of isoflurane during clinical anaesthesia, O'CALLAGHAN, A. C., *et al.* 1061
Coagulation, and fibrinolysis after total hip replacement, role of extradural and of general anaesthesia, MODIG, J., *et al.* 625
——, and fibrinolytic proteins, influence of anaesthesia on, RICHARD, L. C., *et al.* 869
Cocaine, lignocaine or bupivacaine for spinal analgesia without muscle paralysis in the rat, BAHAR, M., *et al.*, (*ARS*) 243P
Complement activation, during cardiopulmonary bypass, COLLETT, B. J., *et al* (*ARS*) 914P
Conduction, aberrant, ventricular arrhythmia or supraventricular arrhythmia with. An electrocardiographic study in halothane-anaesthetized children undergoing adenoidectomy, SIGURDSSON, G. H., *et al.* 861
Consciousness, and the cerebral cortex, WEBB, A. C. 209
Continuous infusion, of fentanyl or alfentanil, ventilatory effects during and after, ANDREWS, C. J. H., *et al.* 211S
Controlled anaesthesia, a clinical evaluation of an approach using patient characteristics identified during uptake, MORRIS, P., *et al.* 1065
Coronary artery bypass grafting, comparison of the haemodynamic effects of vecuronium and pancuronium in patients undergoing, FERRES, C. J., *et al.*, (*ARS*) 915P
Coronary artery disease, effects of flunitrazepam on left ventricular performance, coronary haemodynamics and myocardial metabolism in patients with, NITENBERG, A., *et al.* 1179
——, haemodynamic effects of bolus injections of atracurium in patients with, PHILBIN, D. M., *et al.* 131S
Coronary artery surgery, alfentanil–oxygen anaesthesia: plasma concentrations and clinical effects during variable-rate continuous infusion for, LANGE, DE S., *et al.* 183S
——, hypertension, vasopressin and renin, HAWKINS, S. S., *et al.*, (*ARS*) 1161P
CPK release, serum myoglobin snd potassium following intermittent suxamethonium administration, LAURENCE, A. S., *et al.*, (*ARS*) 907P
Creatinine phosphokinase, screening, evaluation as a predictor of malignant hyperthermia. *A prospective study,* AMARANATH, L., *et al.* 531
Cremophor EL, in a case of anaphylactoid reaction to Althesin, caused by anti-cremophor EL IgG STS antibodies, MONERET-VAUTRIN, D. A., *et al.* 469
Cryogenic damage, to peripheral nerves and blood vessels in the rat, MARSLAND, A. R., *et al.* 555
CSF acid–base changes, intraoperative and postoperative, in relation to the outcome of patients with SAH, BLACZCZYK, B., *et al.*, (*ARS*) 1161P
Cubital fossa injections, dangers of for Bier's blockade, EL-HASSAN, K., *et al.*, (*ARS*) 1158P
Cumulative properties, evaluation of three new non-depolarizing neuromuscular blocking drugs BW A444U, atracurium and vecuronium, ALI, H. H., *et al.* 107S
Curare, manufacture and quality control, READER, J. A., (*CWS*) 227
"Curarine", exciting and dangerous days, CECIL GRAY, T., (*CWS*) 227
Current Reviews in Obstetrics and Gynaecology. Obstetric Anaesthesia and Analgesia, CRAWFORD, J. S., (*R*) 1048

Day-case surgery, preoperative medication for. A comparison between oxazepam and temazepam, GREENWOOD, B. K., *et al.* 933
Degradation, *in vitro,* of atracurium in human plasma, MERRETT, R. A., *et al.* 61
Delivery of gases, a system of differential delivery pressures and hose diameters for use in hospital medical gas installations, HOSKEN, K. A., *et al.*, 891
Delta-9-tetrahydrocannabinol, and nitrous oxide, analgesic interaction in the rat, NOVELLI, G. P., *et al.* 997
Demand analgesia, KEERI-SZANTO, M., (*C*) 919
Dental anaesthesia, outpatient, cardiac arrhythmias during: comparison of halothane and enflurane, WILLATTS, D. G., *et al.* 399
Depolarizing agents, and i.v. anaesthetics, interactions at the chick neuromuscular junction, WALI, F. A., (*ARS*) 240P
Diazepam, *a double-blind trial comparing lorazepam, diazepam, trimeprazine and placebo.* Lorazepam in children, BURTLES, R., *et al.* 275
——, and midazolam, a randomized comparison for sedation in upper gastrointestinal endoscopy, MAGNI, V. C. *et al.*, 1095
——, and midazolam, carbon dioxide response curves following, POWER, S. J., *et al.* 837
——, and midazolam, comparison of the i.v. administration as sedation during spinal anaesthesia, McCLURE, J. M., *et al.* 1089
——, aqueous and lipid preparations, venous complications related to size of vein, MARTIN, D. F., *et al.* 779
——, compared with midazolam as intravenous sedation during spinal anaesthesia, McCLURE, J. H., *et al.*, (*ARS*) 247P
——, compared with midazolam in doses of comparable potency during gastroscopy, WHITWAM, J. G., *et al.* 773
——, compared with midazolam sedation for fibreoptic gastroscopy, BERGGREN, L., *et al.* 289
——, fat emulsion as a vehicle for. A study of 9492 patients, DARDEL, von O., *et al.* 41
——, is antagonized by Ro 15-1788 in man without affecting its bioavailability, O'BOYLE, C., *et al.* 349
——, (Valium), and midazolam, haemodynamic changes during induction of anaesthesia in patients undergoing aorto–coronary bypass surgery, KAWAR, P., *et al.*, (*ARS*) 915P
Dihydrocodeine, compared with flupirtine maleate in patients following surgery, MOORE, R. A., *et al.* 429
Diisopropyl phenol (ICI 35868), effects on the pharmacodynamics of atracurium and vecuronium in anaesthetized man, ROBERTSON, E. N., *et al.* 723
——, haemodynamic effects of infusions during nitrous oxide anaesthesia in man, PRYS-ROBERTS, C., *et al.* 105
——, interactions with suxamethonium, vecuronium and pancuronium *in vitro,* FRAGEN, R. J., *et al.* 433
Dimethyl tubocurarine, atracurium and tubocurarine, histamine-releasing potencies, BASTA, S. J., *et al.* 105S
Dog, comparative investigations on the cardiovascular effects of Org NC 45 and pancuronium in the, FITZAL, S., *et al.* 641
——, dissociation between the effects of fentanyl and alfentanil on spontaneous and reflexly evoked cardiovascular responses in the, ASKITOPOULOU, H., *et al.* 155
——, influence of urapidil on intracranial pressure and intracranial compliance in the, PUCHSTEIN, C., *et al.* 443
——, ventilatory effects produced by the i.v. administration of incremental doses of thiopentone in the, GAUDY, J. M., *et al.* 977
Dopamine, increased cardiac output and increased pulmonary

artery pressure, effects on hypoxic pulmonary vasoconstriction, GARDAZ, J.-P., *et al.*, (*ARS*) 238P
Down's Syndrome, post-extubation stridor in, SHERRY, K. M. 53
Drug absorption, and gastric emptying, before and after surgery, MARSH, R. M. K., *et al.*, (*ARS*) 242P
——, and gastric emptying, effect of premedication on, TODD, J. G., *et al.*, (*ARS*) 241P; 1189
Drug metabolizing enzymes, in the rat after inhalation of halothane and enflurane. *Different pattern of response in liver, kidney and lung and possible implications for toxicity,* DALE, O., *et al.* 1217
Drugs and Anesthesia: Pharmacology for Anesthesiologists, WOOD, M., *et al.*, (editors), (*R*) 365
Duador, comparison of muscular relaxation with atracurium and vecuronium under balanced anaesthesia, FOLDES, F. F., *et al.* 97S
Duodenum, rat, electrical and mechanical activity, MERIN, R. G., (*C*) 1041
Dural puncture, accidental: immediate or delayed blood patch, CHRISTENSEN, F. R., *et al.* 89
Dysrhythmias, and bradycardia, following repeated doses of suxamethonium in children, prevented by glycopyrrolate and atropine, GREEN, D. W., *et al.*, (*ARS*) 1163P

E. coli 0111: B4 endotoxin, i.v., pulmonary function following JONES, J. G., *et al.*, (*ARS*) 245P
ECT, cardiovascular and catecholamine responses to, in untreated hypertensives compared with normotensives, JONES, R. M., *et al.*, (*ARS*) 908P
Edema of the lung, PRICHARD, J. S., (*R*) 259
Edrophonium, for reversal of atracurium, BAIRD, W. L. M., *et al.* 63S
——, or neostigmine to antagonize atracurium, recovery characteristics, JONES, R. M., *et al.*, (*ARS*) 1163P
Electrocardiographic study, in halothane-anaesthetized children undergoing adenoidectomy. Ventricular arrhythmia or supraventricular arrhythmia with aberrant conduction? SIGURDSSON, G. M., *et al.* 861
Electroencephalogram, influence of high-dose alfentanil anaesthesia on: correlation plasma concentrations, BOVILL, J. G., *et al.* 199S
Electromyographic study, the use of fazadinium in children, ESENER, Z. 1205
Electromyography, assessment of neuromuscular blockade induced by atracurium, CALVEY, T. N., *et al.* 57S
Endobronchial intubation, ruptured bronchus following, FOSTER, J. M. G., *et al.* 687
Endoscopy, upper gastrointestinal, a randomized comparison of midazolam and diazepam for sedation, MAGNI, V. C., *et al.* 1095
Enflurane, anaesthesia causes graded changes in the brainstem and early cortical auditory evoked response in man, THORNTON, C., *et al.* 479
——, and halothane, drug metabolizing enzymes in the rat after inhalation of, DALE, O., *et al.* 1217
——, compared with fentanyl for causing decreases in ventilation during anaesthesia, DRUMMOND, G. B. 825
——, comparison with halothane: cardiac arrhythmias during outpatient dental anaesthesia, WILLATTS, D. G., *et al.* 399
——, effect on cerebellar cGMP and on motor activity in the mouse, VULLIEMOZ, Y., *et al.* 79
——, effects of nitrous oxide on the epileptogenic property of, in cats, STEVENS, J. E., *et al.* 145
——, uptake of: a study of variability between patients, WESTENKOW, D. R., *et al.* 595
——, 2%, effects on intracranial pressure and cerebral perfusion pressure, MOSS, E., *et al.* 1083
Enflurane induction, followed by suxamethonium, cardiovascular responses in children, LINDGREN, L., *et al.* 269
Enflurane–nitrous oxide, anaesthesia, haemodynamic effects of atracurium during, HILGENBERG, J. C., *et al.* 81S
Epigastric impedance: a pharmacological test of a new non-invasive method of measuring the rate of gastric emptying, SUTTON, J. A., *et al.*, (*ARS*) 913P
Epileptogenic property, of enflurane in cats, effects of nitrous oxide on, STEVENS, J. E., *et al.* 145
Essays on the First Hundred Years of Anaesthesia, Volume 3, SYKES, W. S., (*R*) 1045
Etomidate, effect on the auditory evoked response in man, NAVARATNARAJAH, M., *et al.*, (*ARS*) 1157P
——, or alfentanil, a comparison with fentanyl and alfentanil. Intravenous anaesthesia for minor surgery, KAY, B., *et al.* 165S
——, pharmacokinetics of, associated with prolonged i.v. infusion, HEBRON, B. S., *et al.* 281
Evoked responses, in man, enflurane anaesthesia causes graded changes in the brainstem and early cortical auditory evoked response, THORNTON, C., *et al.* 479
Extradural anaesthesia, and general anaesthesia, role in fibrinolysis and coagulation after total hip replacement, MODIG, J., *et al.* 625
Extradural analgesia in labour, posture and spread, MERRY, A. F., *et al.* 303
Extradural buprenorphine, KAY, B., (*C*) 255
Extradural catheterization, in obstetric anaesthesia, an unusual case, SIDHU, M. S., *et al.* 473
Extradural morphine, for the relief of pain following Caesarean section, CHAMBERS, W. A., *et al.* 1201
Extradural pressure, effect of posture on, SHAH, J. L., (*ARS*) 907P
Extradural space negative pressure, a new interpretation of the origin of, ANDRADE, P. 85
Eye drops, timolol and pilocarpine, intraoperative bradycardia and hypotension associated with, MISHRA, P., *et al.* 897

Facial nerve blockade, a new technique: hemifacial spasm, TAKAHASHI, T., *et al.* 333
Failed intubation, in obstetric anaesthesia, CAMPBELL, W. I., (*C*) 1040
——, transtracheal ventilation, BREADY, L. L., *et al.*, (*C*) 1040
Fast, is a 4-hour fast necessary? Gastric contents at induction of anaesthesia, MILLER, M., *et al.* 1185
Fat emulsion, as a vehicle for diazepam. A study of 9492 patients, DARDEL, von O., *et al.* 41
Fazadinium, influence of cardiac rhythm on the haemodynamic effects of, in patients with heart failure, PINAUD, M., *et al.* 507
——, use in children. *An electromyogric study,* ESENER, Z. 1205
Femoral blood vessels and nerves, cryogenic damage in the rat, MARSLAND, A. R., *et al.* 555
Fentanyl, and alfentanil, cardiovascular responses to large doses, RUCQUOI, M., *et al.* 223S
——, and alfentanil, dissociation between the effects on spontaneous and reflexly evoked cardiovascular responses in the dog, ASKITOPOULOU, H., *et al.* 155
——, and alfentanil, effect on recovery from brief anaesthesia, COOPER, G. M., *et al.* 179S
——, and alfentanil in comparison with etomidate or Althesin. Intravenous anaesthesia for minor surgery, KAY, B., *et al.* 165S
——, and alfentanil, recovery after anaesthesia for minor surgery, KAY, B., *et al.* 169S
——, and competitive myoneural blockade, effect on muscle fasciculations caused by suxamethonium in children, LINDGREN, L., *et al.* 747
——, compared with fentanyl for causing decreases in ventilation during anaesthesia, DRUMMOND, G. B. 825

Fentanyl, metoprolol and stress responses to microlaryngoscopy. Effects on arterial pressure, heart rate and plasma concentrations of catecholamines ACTH and cortisol, MAGNUSSON, J., *et al.* 405
——, or alfentanil, ventilatory effects during and after continuous infusion, ANDREWS, C. J. H., *et al.* 211S
——, or halothane, to supplement nitrous oxide anaesthesia, prolonged suxamethonium infusion during, FUTTER, M. E., *et al.* 947
Fentanyl-induced, respiratory depression, prevention of late after the injection of opiate antagonists naltrexone and S-20682: comparison with naloxone, FREYE, E., *et al.* 71
Fibreoptic bronchoscopy, early, its value after aspiration of gastric contents, CAMPINOS, L., *et al.* 1103
Fibreoptic gastroscopy, sedation for: a comparative study of midazolam and diazepam, BERGGREN, L., *et al.* 289
Fibrinolysis, and coagulation after total hip replacement, role of extradural and of general anaesthesia, MODIG, J., *et al.* 625
Fibrinolytic proteins, and coagulation, influence of anaesthesia on, RICHARD, L. C., *et al.* 869
Flunitrazepam, effects on left ventricular performance, coronary haemodynamics and myocardial metabolism in patients with coronary artery disease, NITENBERG, A., *et al.* 1179
Fluotec vaporizers, pumping effect of the Philips AVI ventilator on, MACKENZIE, N. *et al.*, (*C*) 922
Flupirtine maleate, compared with dihydrocodeine in patients following surgery, MOORE, R. A., *et al.* 429
Fresh gas flows, SPOEREL, W. E., *et al.*, (*C*) 1039
Fulminant hepatic failure, associated with halothane anaesthesia, specific seriological markers in the diagnosis of, NEUBERGER, J., *et al.* 15

Gas installations, hospital medical, ROBINSON, J. S., (*E*) 807
Gastric contents, at induction of anaesthesia. *Is a 4-hour fast necessary?* MILLER, M., *et al.* 1185
Gastric emptying, and drug absorption, before and after surgery, MARSH, R. H. K., *et al.*, (*ARS*) 242P
——, and drug absorption, effect of premedication on, TODD, J. G., *et al.*, (*ARS*) 241P; 1189
——, a pharmacological test of a new non-invasive method of measuring the rate of: epigastric impedance, SUTTON, J. A., *et al.*, (*ARS*) 913P
——, following premedication with glycopyrrolate or atropine, CLARK, J. M. *et al.* 1195
Gastroscopy, comparison of midazolam and diazepam in doses of comparable potency during, WHITWAM, J. G., *et al.* 773
——, fibreoptic, sedation for: a comparative study of midazolam and diazepam, BERGGREN, L., *et al.* 289
General anaesthesia, and extradural anaesthesia, role in fibrinolysis and coagulation after total hip replacement, MODIG, J., *et al.* 625
——, mechanisms of, NORMAN, J., (*E*) 189
"General anaesthetic", actions of the benzodiazepines, differential effects of the benzodiazipine antagonist RO 15–1788 on the, BICHARD, A. R., *et al.*, (*ARS*) 912P
General anaesthetics, actions on synaptic transmission in the CNS, RICHARDS, C. D. 201
——, effect on synaptic ion channels, JUDGE, S. E., 191
General surgery, including cardiac surgery with induced hypothermia, use of atracurium infusions, FLYNN, P. J., *et al.* 135S
Glycerol trinitrate, trimetaphan and sodium nitroprusside-induced hypotension, changes in cardiac output and systemic arterial pressure after insertion of acrylic cement during, VAZEERY, A. K., *et al.* 783
Glycopyrrolate, and atropine in the prevention of bradycardia and dysrhythmias following repeated doses of suxamethonium in children, GREEN. D. W., *et al.*, (*ARS*) 1163P
Glycopyrrolate, compared with atropine. Pattern of change of bronchomotor tone following reversal of neuromuscular blockade, HAMMOND, J., *et al.* 955
——, or atropine, gastric emptying following premedication with, CLARK, J. M., *et al.* 1195
Gynaecological surgery, comparison of buprenorphine–hyoscine and papaveretum–hyoscine as premedicants for, SEAR, J. W., *et al.* 319

Haemodynamic changes, during induction of anaesthesia with midazolam and diazepam (Valium) in patients undergoing aorto-coronary bypass surgery, KAWAR. P., *et al.*, (*ARS*) 915P
Haemodynamic effects, and anaesthetic effects of chlormethiazole and thiopentone, CHRISTENSEN, J. H., *et al.* 391
——, of atracurium during enflurane–nitrous oxide anaesthesia, HILGENBERG, J. C., *et al.* 81S
——, of atracurium in patients after cardiac surgery, POKAR, H., *et al.* 139S
——, of atracurium in surgical patients under nitrous oxide, oxygen and isoflurane anaesthesia, SOKOLL, M. D., *et al.* 77S
——, of bolus injections of atracurium in patients with coronary artery disease, PHILBIN, D. M., *et al.* 131S
——, of fazadinium in patients with heart failure, influence of cardiac rhythm on, PINAUD, M., *et al.* 507
——, of induced hypotension with a nitroprusside–trimetaphan mixture, WILDSMITH, J. A. W., *et al.* 381
——, of infusions of diisopropyl phenol (ICI 35 868) during nitrous oxide anaesthesia in man, PRYS-ROBERTS, C., *et al.* 105
——, of vecuronium and pancuronium in patients undergoing coronary artery bypass grafting, FERRES, C. J., *et al.*, (*ARS*) 915P
Halothane, and carbon dioxide, separate effects on respiratory duration in vagotomized cats, NISHINO, T., *et al.* 647
——, and enflurane, drug metabolizing enzymes in the rat after inhalation of, DALE, O., *et al.* 1217
——, and isoflurane, uptake in surgical patients, NAVARATNARAJAH, M., *et al.*, (*ARS*) 1156P
——, and suxamethonium, modification of atracurium blockade by. *A review of clinical experience,* STIRT, J. A., *et al.* 71S
——, comparison with enflurane: cardiac arrhythmias during outpatient dental anaesthesia, WILLATTS, D. G., *et al.* 399
——, or fentanyl to supplement nitrous oxide anaesthesia, prolonged suxamethonium infusion during, FUTTER, M. E., *et al.* 947
——, stimulates the aggregation of platelets of both normal individuals and those susceptible to malignant hyperthermia, GERRARD, J. M., *et al.* 1249
Halothane anaesthesia, cardiac effects of vecuronium and pancuronium during, ENGBÆK, J., *et al.* 501
——, effect of increased concentrations of carbon dioxide on liver blood flow and hepatic oxygen consumption during, THOMSON, I. A., *et al.* 1231
——, in children undergoing adenoidectomy, influence of premedication on the sympathetic and endocrine responses and cardiac arrhythmias, SIGURDSSON, G. H., *et al.* 961
——, neuromuscular blocking effects of vecuronium and pancuronium during, ENGBÆK, J., *et al.* 497
——, specific seriological markers in the diagnosis of fulminant hepatic failure associated with, NEUBERGER, J., *et al.* 15
Halothane-anaesthetized, children undergoing adenoidectomy, an electrocardiographic study. Ventricular arrhythmia or supraventricular arrhythmia with aberrant conduction? SIGURDSSON, G. H., *et al.* 861
Halothane hepatoxicity, increased by nitrous oxide in the hypoxic rat model, ROSS, J. A. S., *et al.*, (*ARS*) 1162P

Halothane–nitrous oxide anaesthesia, for coronary revascularization, myocardial blood flow and oxygen consumption, HILFIKER, O., *et al.* 927
Hand muscle paralysis, onset of, compared with that of respiratory muscle in response to Org NC 45 and pancuronium, READ, D. H., *et al.*, (*ARS*) 239P
Heart failure, influence of cardiac rhythm on the haemodynamic effects of fazadinium in patients with, PINAUD, M., *et al.* 507
Heart rate, and arterial pressure, comparison of the effects of atracurium and tubocurarine in anaesthetized man, BARNES, P. K., *et al.* 91S
Heart rate variability, and anaesthesia, CARTER, R. T., *et al.*, (*ARS*) 916P
——, spectral analysis: the effect of atropine, GRAHAM, I. F. M., *et al.*, (*ARS*) 916P
Hemifacial spasm: a new technique of facial nerve blockade, TAKAHASHI, T., *et al.* 333
Hepatic failure, fulminant, associated with halothane anaesthesia, specific seriological markers in the diagnosis of, NEUBERGER, J., *et al.* 15
Hepatic function, after anaesthesia for major vascular reconstructive surgery, SEAR, J. W., *et al.* 603
Heterozygotes, for atypical cholinesterase, OWEN, H., *et al.* 315
High frequency positive pressure ventilation, (HFPPV), in a newborn infant with ruptured lungs, WREN, W. S. 575
High frequency ventilation, positive pressure, alveolar deadspace during. *Influence of ventilatory pattern*, JONZON, A., *et al.* 1133
Hip replacement, total, role of extradural and of general anaesthesia in fibrinolysis and coagulation after, MODIG, J., *et al.* 625
Histamine-releasing potencies, of atracurium, dimethyl tubocurarine and tubocurarine, BASTA, S. J., *et al.* 105S
Hydrogel suppository, sustained release, rectal administration of morphine from a, HANNING, C. D., *et al.*, (*ARS*) 236P
Hyperkalaemia, and muscle flow blood in MH, GRONERT, G. A., (*C*) 254
Hypertension, vasopressin and renin in coronary artery surgery, HAWKINS, S. S., *et al.*, (*ARS*) 1161P
Hypertensives, untreated, cardiovascular and responses to ECT compared with normotensives, JONES, R. M., *et al.*, (*ARS*) 908P
Hyperthermia, malignant, evaluation of creatinine phosphokinase screening as a predictor of. *A prospective study*, AMARANATH, L., *et al.* 531
——, malignant, failure to induce, in myotonic goats, NEWBERG, L. A., *et al.* 57
——, malignant, halothane stimulates the aggregation of platelets of both normal individuals and those susceptible to, GERRARD, J. M., *et al.* 1249
——, malignant, metabolic changes in a case of, RUTBERG, H., *et al.* 461
——, porcine malignant. ix: changes in the concentrations of intramuscular high-energy phosphates, glycogen and glycolytic intermediates, HALL, G. M., *et al.* 635
Hypotension, and intraoperative bradycardia associated with timolol and pilocarpine eye drops, MISHRA, P., *et al.* 897
——, deliberate, closed-loop maintenance using sodium nitroprusside infusion during middle ear surgery, LOW, J. M., *et al.*, (*ARS*) 1157P
——, induced by trimetaphan, sodium nitroprusside and glycerol trinitrate, changes in cardiac output and systemic arterial pressure after insertion of acrylic cement during, VAZEERY, A. K., *et al.* 783
——, induced, pulmonary deadspace during, DRUMMOND, G. B., *et al.*, (*C*) 1165
——, induced with a nitroprusside–trimetaphan mixture, haemodynamic effects, WILDSMITH, J. A. W., *et al.* 381
Hypoxic pulmonary vasoconstriction, effects of dopamine, increased cardiac output and increased pulmonary artery pressure on, GARDAZ, J.-P., *et al.*, (*ARS*) 238P

ICI 35 868, cardiovascular effects in patients with aortic valve disease, AUN, C., *et al.*, (*ARS*) 909P
——, diisopropyl phenol, haemodynamic effects of infusions during nitrous oxide anaesthesia in man, PRYS-ROBERTS, C., *et al.* 105
——, diisopropyl phenol, interactions with suxamethonium, vecuronium and pancuronium *in vitro*, FRAGEN, R. J., *et al.*, 433
——, influence of sample site on blood concentrations of, MAJOR, E., *et al.* 371
——, neuromuscular actions. Interaction studies at the chick neuromuscular junction, WALI, F. H., (*ARS*) 249P
——, pharmacokinetic evaluation of, in man. Single induction doses with different rates of injection, ADAM, H. K., *et al.* 97
Ileus, postoperative, pregnancy-related cholinesterase deficiency and suxamethonium after-pains. *A Case Report*, WHITTAKER, M., *et al.* 581
Immune complex, involvement in non-immune anaphylactoid reactions to thiopentone, WILD, G., *et al.*, (*ARS*) 237P
Immune responsiveness, effect of anaesthesia and surgery, ROBERTSON, A. J., *et al.* 339
Increased pulmonary artery pressure, dopamine and increased cardiac output, effects on hypoxic pulmonary vasoconstriction, GARDAZ, J. P., *et al.*, (*ARS*) 238P
Indoprofen, i.v., as an analgesic in postoperative pain, a dose-response study, RIGAMONTI, G., *et al.* 513
Infection and the Perioperative Period, MATHIEU, A., *et al.*, (*R*) 366
Infraorbital nerve block, with lignocaine in the rat, effect of adrenaline on duration of, KIRCHA, S., *et al.* 719
Infusion of low-dose insulin, and substrate mobilization during surgery, HALL, G. M., *et al.* 939
Inhalation lung damage, acute, methylprednisolone for, BEELEY, J. M., *et al.*, (*ARS*) 249P
Inspired oxygen, and oxygen transfer during artificial ventilation for respiratory failure, DRUMMOND, G. B., *et al.* 3
Insulin, and circulating metabolites, effect of different intraoperative fluid regimens on, during abdominal surgery, WALSH, E. S., *et al.* 135
——, low-dose infusion, and substrate mobilization during surgery, HALL, G. M., *et al.* 939
Intensive Care Manual, OH, T. E., (editor), (*R*) 94
Interaction of atracurium, and drugs used in anaesthesia, CHAPPLE, D. J., *et al.* 175
Intercostal nerve blockade, continuous, for pain relief following cholecystectomy, MURPHY, D. F. 521
Internal jugular cannulation, percutaneous, jugular venous pulsations as the sole landmark for, SHARROCK, N. E. 1213
Intracranial compliance, and intracranial pressure, influence of urapidil on, in dogs, PUCHSTEIN, C., *et al.* 443
Intracranial pressure, and cerebral perfusion pressure, effects of 2% enflurane, MOSS, E., *et al.* 1083
——, and intracranial compliance, influence of urapidil on, in dogs, PUCHSTEIN, C., *et al.* 443
Intragastric pressure, changes in, on induction of anaesthesia, DRUMMOND, G. B., *et al.*, (*ARS*) 237P
Intramuscular metabolites, porcine malignant hyperthermia. ix: changes in the concentrations of intramuscular high-energy phosphates, glycogen and glycolytic intermediates, HALL, G. M., *et al.* 635
Intranasal administration, of nitroglycerine attenuates the pressor response to laryngoscopy and intubation of the trachea, FASSOULAKI, A., *et al.* 49
Intraoperative fluid regimens, different, effect on circulating metabolites and insulin during abdominal surgery,

WALSH, E. S., *et al.* 135
Intraoperative methadone, compared with the effects of postoperative methadone: acute tolerance to the postoperative dose?, PORTER, E. J. B., *et al.* 325
Intraoperative pulmonary embolism, complicating surgery on the abdominal aorta, diagnosis and treatment, HECKER, B. R., *et al.* 689
Intrathecal ketamine, analgesic effect in rats, AHUJA, B. R. 991
Intrathecal midazolam, depression of nociceptive sympathetic reflexes by, NIV, D., *et al.* 541
——, effect on nociceptive sympathetic reflexes, WHITWAM, J. G., *et al.*, (*ARS*) 235P
Intrathecal morphine, injected with bupivacaine, effects on pain after orthopaedic surgery, KALSO, E. 415
Intravascular oxygen electrode, and pulse polarography, SCOTT, I. L., *et al.* 559
Intravenous anaesthesia, for minor surgery. *A comparison of etomidate or Althesin with fentanyl and alfentanil*, KAY, B., *et al.* 165S
Intravenous sedation, comparison of midazolam and diazepam as, during spinal anaesthesia, McCLURE, J. H., *et al.*, (*ARS*) 247P
Introduction to Anaesthesia. The Principles of Safe Practice, DRIPPS, R. D., *et al.*, (*R*) 1046
Intubation conditions, after atracurium and suxamethonium, GERGIS, S. D., *et al.* 83S
Intubation, endobronchial, ruptured bronchus following, FOSTER, J. M. G., *et al.* 687
——, failed, in obstetric anaesthesia. *A case report*, BOYS, J. E. 187
——, of the trachea, intranasal administration of nitroglycerine attenuates the pressor response to laryngoscopy and, FASSOULAKI, A., *et al.* 49
——, simulating difficult, CORMACK, R. S., *et al.*, (*ARS*) 1155P
Isoflurane, and halothane, uptake in surgical patients, NAVARATNARAJAH, M., *et al.*, (*ARS*) 1156P
——, effect on bronchomotor tone, HENEGHAN, C. P. H., *et al.*, (*ARS*) 248P
——, oxygen and nitrous oxide anaesthesia, haemodynamic effects of atracurium in surgical patients, SOKOLL, M. D., *et al.* 77S
——, uptake during clinical anaesthesia. *Servo-control of liquid anaesthetic injection into a closed-circuit breathing system*, O'CALLAGHAN, A. C., *et al.* 1061
I.v. administration, of drugs, NORMAN, J., (*E*) 1049
I.v. anaesthetics, and depolarizing agents, interactions at the chick neuromuscular junction, WALI, F. A., (*ARS*) 240P
I.v. atracurium, pharmacokinetics, pharmacodynamics and dose–response relationships, WEATHERLEY, B. C., *et al.* 39S
I.v. infusion, prolonged, pharmacokinetics of etomidate associated with, HEBRON, B. S., *et al.* 281
I.v. regional anaesthesia, (IVRA) bupivacaine and prilocaine in, McKEOWN, D. W., *et al.*, (*ARS*) 1160P
——, (IVRA), venous pressures generated during, DUGGAN, J., *et al.*, (*ARS*) 1158P
I.v. regional analgesia, with prilocaine, prolonged analgesia after cuff release, TRYBA, M., *et al.* 631

Jet ventilation, high frequency, *v.* manual jet ventilation during bronchoscopy in patients with tracheo-bronchial stenosis, VOURC'H, G., *et al.* 969
——, manual *v.* high frequency, during laser resection of tracheo-bronchial stenosis, VOURC'H, G., *et al.* 973

Ketamine, and Althesin, anticonvulsant activity, WARDLEY-SMITH, B., *et al.*, (*ARS*) 235P
——, antidepressants do not increase the lethality of, in mice, BRUCE, D. L., *et al.* 457
Ketamine, deposition in children and adults, GRANT, I. S., *et al.* 1107
——, intrathecal, analgesic effect in rats, AHUJA, B. R. 991
——, low-dose infusions, psychomimetic reactions after comparison with neuroleptanaesthesia, KLAUSEN, N.-O., *et al.* 297
——, stimulant and depressant effects on neocortical activity in cats, KAYAMA, Y., 655
Ketanserin, prophylactic use in a patient with carcinoid syndrome, FISCHLER, M., *et al.*, (*C*) 920

Labour, posture and spread of extradural analgesia in, MERRY, A. F., *et al.* 303
Laryngeal mask, – a new concept in airway management, BRAIN, A. I. J. 801
——, a new concept in management of the airway, BRAIN, A. I. J., (*ARS*) 913P
Laryngoscopy, difficult, the "anterior" larynx and the atlanto-occipital gap, NICHOL, H. C., *et al.* 141
——, intranasal administration of nitroglycerine attenuates the pressor response to, and intubation of the trachea, FASSOULAKI, A., *et al.* 49
Laser surgery, of tracheobronchial stenosis, manual jet ventilation *v.* high frequency jet ventilation, VOURC'H, G., *et al.* 973
Lecture Notes on Anaesthetics (2nd edn.), LUNN, J. N., (*R*) 1045
Leg blood flow, and adenosine, during porcine malignant hyperthermia, HALL, G. M., *et al.*, (*C*) 253
Lignocaine, cocaine or bupivacaine for spinal analgesia without muscle paralysis in the rat, BAMAR, M., *et al.*, (*ARS*) 243P
——, effect of adrenaline on duration of infraorbital nerve block with, in the rat, KIRCHA, S., *et al.* 719
Lignocaine kinetics, during cardiopulmonary bypass. *Optimum dosage and the effects of haemodilution*, MORRELL, D. F., *et al.* 1173
Lipophilicity, of benzodiazepine, *in vitro* quantitation: relation to *in vivo* distribution, GREENBLATT, D. J., *et al.* 985
Liver function, effect of increased concentrations of carbon dioxide during halothane anaesthesia on liver blood flow and hepatic oxygen consumption, THOMSON, I. A., *et al.* 1231
Local anaesthetics, long-acting amide, differential sensitivity of A and C nerve fibres to, ROSENBERG, P. H., *et al.* 163
Lorazepam, in children. *A double-blind trial comparing lorazepam, diazepam, trimeprazine and placebo*, BURTLES, R., *et al.* 275
——, sublingual: a better premedication? GALE, G. D., *et al.* 761
——, use as a premedicant for Caesarean section. *An evaluation of its effects on the mother and the neonate*, HOUGHTON, D. J., 767
Lower oesophageal sphincter, effects of pancuronium, atracurium and vecuronium, HUNT, P., *et al.*, (*ARS*) 1155

Magill system, comparison of the fresh gas flow requirements and resistance with those of the preferential flow system, MILLER, D. M., *et al.* 569
Major surgery, cardiovascular and biochemical evidence of stress during, associated with different techniques of anaesthesia, BLUNNIE, W. P., *et al.* 611
Management of Epidural Analgesia in Childbirth (2nd edn.), WALDRON, B. A., (*R*) 1045
Maternal deaths, confidential enquiry, HUNTER, A. R., *et al.*, (*E*) 367
Medical audit, of junior anaesthetic staff practice. Anaesthesia for Caesarean section, MORGAN, B. M., *et al.* 885
Meptazinol, i.v., and pethidine, comparison of the respiratory depressant effects, SLATTERY, P. J., *et al.*, (*ARS*) 245P

Metabolic changes, in a case of malignant hyperthermia, RUTBERG, H., *et al.* 461
Metabolic rate, and nitrogen balance, comparison of the effects of continuous and discontinuous, nasogastric feeding, after major surgery, CAMPBELL, I. T., *et al.*, (*ARS*) 1160P
Metabolism and kinetics of atracurium, an overview, NEILL, E. A. M., *et al.* 23S
Methadone, comparison of the effects of intraoperative and postoperative methadone: acute tolerance to the postoperative dose? PORTER, E. J. B., *et al.* 325
Metoclopramide, and atropine, effect on the plasma concentrations of orally administered zopiclone, ELLIOTT, P., *et al.*, (*ARS*) 1159P
Methionine synthase, activity, effects of chronic exposure to nitrous oxide, SHARER, N. M., *et al.* 693
Methotrimeprazine, interactions with morphine in mouse and man with respect to analgesia, respiration and sedation, PETTS, H. U., *et al.* 437
Methylprednisolone, for acute inhalation lung damage, BEELEY, J. M., *et al.*, (*ARS*) 249P
Metocurine requirements, and plasma concentrations in burned paediatric patients, MARTYN, J. A. J., *et al.* 263
Metoprolol, fentanyl and stress responses to microlaryngoscopy. *Effects on arterial pressure, heart rate and plasma concentrations of catecholamines, ACTH and cortisol,* MAGNUSSON, J., *et al.* 405
MH, (malignant hyperthermia), muscle blood flow and hyperkalaemia in, GRONERT, G. A., (*C*) 254
Mice, antidepressants do not increase the lethality of ketamine in, BRUCE, D. L., *et al.* 457
Microlaryngoscopy, metoprolol, fentanyl and stress responses to. *Effects of arterial pressure, heart rate and plasma concentrations of catecholamines, ACTH and cortisol,* MAGNUSSON, J., *et al.* 405
Midazolam, and diazepam, a randomized comparison for sedation in upper gastrointestinal endoscopy, MAGNI, V. C., *et al.* 1095
——, and diazepam, carbon dioxide curves following, POWER, S. J., *et al.* 837
——, and diazepam, comparison of the i.v. administration as sedation during spinal anaesthesia, McCLURE, J. H., *et al.* 1089
——, and diazepam (Valium), haemodynamic changes during induction of anaesthesia in patients undergoing aorto-coronary bypass surgery, KAWAR, P., *et al.*, (*ARS*) 915P
——, compared with diazepam: sedation for fibreoptic gastroscopy, BERGGREN, L., *et al.* 289
——, comparison with diazepam as intravenous sedation during spinal anaesthesia, McCLURE, J. H., *et al.*, (*ARS*) 247P
——, comparison with diazepam in doses of comparable potency during gastroscopy, WHITWAM, J. G., *et al.* 773
——, intrathecal, depression of nociceptive sympathetic reflexes by, NIV, D., *et al.* 541
——, intrathecal, effect on nociceptive sympathetic reflexes, WHITWAM, J. G., *et al.*, (*ARS*) 235P
——, oral, influence of ranitidine on the uptake of, ELWOOD, R. J., *et al.*, (*ARS*) 241P
——, some factors influencing the uptake of, HILDEBRAND, P. J., *et al.*, (*ARS*) 247P
Middle ear surgery, closed-loop maintenance of deliberate hypotension using sodium nitroprusside infusion during, LOW, J. M., *et al.*, (*ARS*) 1157P
Minor surgery, intravenous anaesthesia for. *A comparison of etomidate or Althesin with fentanyl or alfentanil,* KAY, B., *et al.* 165S
——, recovery after fentanyl and alfentanil in anaesthesia for, KAY, B., *et al.*. 169S
Model patient, which has the capacity for "spontaneous breathing", assessment of ventilators, LYLE, D. J. R., *et al.*, (*ARS*) 250P
Morphine, and alaproclate, effects on the ventilatory response to carbon dioxide in normal man, CALVERLEY, P. M. A., *et al.* 843
Morphine, and amethocaine, single injection spinal anaesthesia for transurethral protatectomy, CUNNINGHAM, A. J., *et al.* 423
——, extradural, for the relief of pain following Caesarean section, CHAMBERS, W. A., *et al.* 1201
——, interactions with methotrimeprazine in mouse and man with respect to analgesia, respiration and sedation, PETTS, H. V., *et al.* 437
——, intrathecal, injected with bupivacaine, effects on pain after orthopaedic surgery, KALSO, E. 415
——, kinetics during anaesthesia: i.v. bolus and infusions, BENNETT, M. R. D., *et al.*, (*ARS*) 906P
——, pharmacokinetics of single dose i.v., in normal volunteers and patients with end stage renal failure, AITKENHEAD, A. R., *et al.*, (*ARS*) 905P
——, rectal administration from a sustained release hydrogel supposity, HANNING, C. D., *et al.*, (*ARS*) 236P
Motor activity, effect of enflurane on cerebellar CGMP and on, in the mouse, VULLIEMOZ, Y., *et al.* 79
Mouse, effect of enflurane on cerebellar CGMP and on motor activity in the, VULLIEMOZ, Y., *et al.* 79
Muscle blood flow, and hyperkalaemia in MH, GRONERT, G. A., (*C*) 254
Muscle fasciculations, and single dose suxamethonium in pregnancy, THIND, G. S., *et al.* 743
——, caused by suxamethonium in children, effect of competitive myoneural blockade and fentanyl on, LINDGREN, L., *et al.* 747
Muscle pain, comparison of the frequency associated with suxamethonium in pre- and post-ovulatory women and in those taking a combined oral contraceptive pill, REED, P. N., *et al.* 377
——, post-suxamethonium, pretreatment with vecuronium as a prophylactic against, FERRES, C. J., *et al.* 735
Muscle paralysis, cocaine, lignocaine or bupivacaine for spinal analgesia without, in the rat, BAHAR, M., *et al.*, (*ARS*) 243P
Myocardial oxygen balance, during halothane–nitrous oxide anaesthesia for coronary revascularization, HILFIKER, O., *et al.* 927
Myalgia, suxamethonium-induced, protective effect of thiopentone on, MANANI, G., *et al.*, (*C*) 1165
Myoglobin, scrum, potassium and CPK release following intermittent suxamethonium administration, LAURENCE, A. S., *et al.*, (*ARS*) 907P
Myotonic goats, failure to induce malignant hyperthermia in, NEWBERG, L. A., *et al.* 57

Naloxone, comparison with naltrexone and S-20682, opiate antagonists, injected to prevent late fentanyl-induced respiratory depression, FREYE, E., *et al.* 71
——, paradoxical effect on nitrous oxide analgesia, GILLMAN, M. A., *et al.*, (*C*) 91
Na-trexone, and S-20682, prevention of late fentanyl induced respiratory depression after the injection of opiate antagonists: comparison with naloxone, FREYE, E., *et al.* 71
Nasogastric feeding, continuous and discontinuous, comparison of the effects on metabolic rate and nitrogen balance after major surgery, CAMPBELL, I. T., *et al.*, (*ARS*) 1160P
Neocortical activity, in cats, stimulant and depressant effects of ketamine on, KAYAMA, Y. 655
Neostigmine, or edrophonium, to antagonize atracurium, recovery characteristics, JONES, R. M., *et al.*, (*ARS*) 1163P
Nerve block potentiation, *in vivo,* by physiological adjuvants in the solution, KIRCHA, S., *et al.* 549
Nerve stimulation, at 2 Hz and at 50 Hz, effect of atracurium on release of acetylcholine at the vertebrate neuromuscular

junction in response to, WALI, F. A., *et al.*, (*ARS*) 911P
Neuroendocrine effects, of nitrous oxide, EVANS, S. F. *et al.*, (*ARS*) 909P
Neuroleptanaesthesia, comparison with psychomimetic reactions after low-dose ketamine infusion, KLAUSEN, N.-O., *et al.* 297
Neuromuscular actions, of ICI 35868, interaction studies at the chick neuromuscular junction, WALI, F. A., (*ARS*) 249P
Neuromuscular block, a technique for comparison of two muscle sites during, WRIGHT, A. D. G., *et al.*, (*ARS*) 1164
Neuromuscular block, plasma concentration of pyridostigmine during the antagonism of WILLIAMS, N. E., *et al.* 27
——, speeding the onset by alcuronium, HUTTON, P., *et al.*, (*ARS*) 918P
Neuromuscular blockade, by atracurium, recovery of respiration following, HACKETT, G. H., *et al.*, (*ARS*) 911P
——, induced by atracurium, electromyographic assessment, CALVEY, T. N., *et al.* 57S
——, recovery from following alcuronium administration, ASTLEY, B. A., *et al.*, (*ARS*) 1164P
Neuromuscular blockade reversal, pattern of change of bronchomotor tone following. *Comparison between atropine and glycopyrrolate.*, HAMMOND, J., *et al.* 955
Neuromuscular blocker, atracurium in clinical anaesthesia, ROWLANDS, D. E. 125S
——, atracurium in the severely ill, ROWLANDS, D. E. 123S
Neuromuscular blockers, atracurium, vecuronium and Duador under balanced anaesthesia, FOLDES, F. F., *et al.* 97S
——, evaluation of cumulative properties of three non-depolarizing neuromuscular blocking drugs BW A444U, atracurium and vecurorium, ALI, H. H., *et al.* 107S
Neuromuscular blocking actions, and vagal blocking actions of pancuronium bromide, its metabolites, and vecuronium bromide (ORG NC45) and its potential metabolites in the anaesthetized cat, MARSHALL, I. G., *et al.* 703
Neuromuscular blocking effects, and autonomic effects, of vecuronium and atracurium in the anaesthetized cat, SUTHERLAND, G. A., *et al.* 1119
——, of vecuronium and pancuronium during halothane anaesthesia, ENGBÆK, J., *et al.* 497
Neuromuscular effects, and cardiovascular effects of atracurium during nitrous oxide–fentanyl and nitrous oxide–isoflurane anaesthesia, RUPP, S. M., *et al.* 67S
Neuromuscular function, and atracurium, monitoring, HARDY P. J. A., (*C*) 919
Neuromuscular junction, chick, interactions between i.v. anaesthetics and depolarizing agents at the, WALI, F. A., (*ARS*) 240P
——, chick, interaction studies. Neuromuscular actions of ICI 35 868, WALI, F. A., (*ARS*) 249P
New drug considerations, HUNTER, A. R., (*E*) 477
Nitrogen balance, and metabolic rate, comparison of the effects of continuous and discontinuous nasogastric feeding after major surgery, CAMPBELL, I. T., *et al.*, (*ARS*) 1160P
Nitroglycerine, intranasal administration attenuates the pressor response to laryngoscopy and intubation of the trachea, FASSOULAKI, A., *et al.* 49
Nitroprusside, infusions, GRAHAM, G. G., *et al.*, (*C*) 919
Nitroprusside–trimetaphan, mixture, haemodynamic effects of induced hypotension with WILDSMITH, J. A. W., *et al.* 381
Nitrous oxide, anaesthesia in man, baroreflex effects of Althesin infusions to supplement, JONES, D. F., *et al.* 849
——, and delta-9-tetrahydrocannabinol, analgesic interaction in the rat, NOVELLI, G. P., *et al.* 997
——, effect assessed by cerebral function analysing monitor (CFAM), WILLIAMS, D. J. M., *et al.*, (*ARS*) 908P
——, effect of chronic exposure to, on methionine synthase activity, SHARER, N. M., *et al.* 693
——, effect of subanaesthetic concentrations on the regulation of ventilation in man, ROYSTON, D., *et al.* 449
Nitrous oxide, effects of low intermittent concentrations on the developing rat fetus, VIEIRA, E., *et al.* 67
——, effects on the epileptogenic property of enflurane in cats, STEVENS, J. E., *et al.* 145
——, exposure to trace amounts of. *Evaluation of urinary gas content monitoring in anaesthetic work*, SONANDER, H., *et al.* 1225
——, increases halothane hepatoxicity in the hypoxic rat model, ROSS, J. A. S., *et al.*, (ARS) 1162P
——, neuroendocrine effects, EVANS, S. F., *et al.*, (*ARS*) 909P
Nitrous oxide anaesthesia, in man, haemodynamic effects of infusions of diisopropyl phenol (ICI 35 868) during, PRYS-ROBERTS, C., *et al.* 105
——, supplemented with halothane or fentanyl, prolonged suxamethonium infusion during, FUTTER, M. E., *et al.* 947
Nitrous oxide analgesia, paradoxical effect of naloxone on, GILLMAN, M. A., *et al.*, (*C*) 91
Nitrous oxide–fentanyl, and nitrous oxide–isoflurane anaesthesia, neuromuscular and cardiovascular effects of atracurium during, RUPP, S. M., *et al.* 67S
Nitrous oxide–halothane anaesthesia, for coronary revascularization myocardial blood flow and oxygen consumption, HILFIKER, O., *et al.* 927
Nitrous oxide–isoflurane, and nitrous oxide–fentanyl anaesthesia, neuromuscular and cardiovascular effects of atracurium during, RUPP, S. M., *et al.* 67S
Nociceptive sympathetic reflexes, depression of, by the intrathecal administration of midazolam, NIV, D., *et al.* 541
——, effect of intrathecal midazolam, WHITWAM, J. G., *et al.*, (*ARS*) 235P
Non-immune anaphylactoid reactions, to thiopentone, immune complex involvement in, WILD, G., *et al.*, (*ARS*) 237P

Obstetric anaesthesia, an unusual complication of extradural catheterization, SIDHU, M. S., *et al.* 473
——, atracurium in. *A preliminary report*, FRANK, M., *et al.* 113S
——, failed intubation in. *A case report*, BOYS, J. E. 187
——, failed intubation in, CAMPBELL, W. J., (*C*) 1040
Obstetric Anesthesia: The Complicated Patient, JAMES, F. M. III., *et al.*, (editors), (*R*) 260
Oculocardiac reflex, MIRAKHUR, R. K., *et al.*, (*C*) 921
——, prevention of, in children undergoing squint surgery, FRY, E. N. S., (*C*) 256
Oesophageal obturator airway, for ventilation in anaesthetized man, MERRIFIELD, A., *et al.*, (*ARS*) 1155P
Oesophageal pressure, inaccuracy of, for pleural pressure estimation in supine anaesthetized subjects, DRUMMOND, G. B., *et al.* 585
"On Call" service, offered by the Department of Anaesthesia, Manchester Royal Infirmary, DINGWALL, A. E., *et al.* 877
Opioid receptors, an update on, PLEUVRY, B. J. 143S
Oral midazolam, influence of ranitidine on the uptake of, ELWOOD, R. J., *et al.*, (*ARS*) 241P
Org NC 45, and pancuronium in dogs, comparative investigations on the cardiovascular effects, FITZAL, S., *et al.* 641
——, and pancuronium, onset of respiratory muscle paralysis compared with that of the hand in response to, READ, D. M., *et al.*, (*ARS*) 239P
——, clinical evaluation of, MIRAKHUR, R. K., *et al.* 119
——, vecuronium, and atracurium, clinical comparison, ROBERTSON, E. N., *et al.* 125
Orthopaedic surgery, effects of intrathecal morphine, injected with bupivacaine, on pain after, KALSO, E. 415
Outpatient dental anaesthesia, cardiac arrhythmias during: comparison of halothane and enflurane, WILLATTS, D.

G., *et al.* 399
Oxazepam, and temazepam, a comparison. Preoperative medication for day-case surgery, GREENWOOD, B. K., *et al.* 933
Oxygen breathing, changes in residual volume following, BAKER, A. B., *et al.* 817
Oxygen electrode, intravascular, and pulse polarography, SCOTT, I. L., *et al.* 559
Oxygen transfer, and inspired oxygen during artificial ventilation for respiratory failure, DRUMMOND, G. B., *et al.* 3
Oxygen uptake, continuous measurement, and carbon dioxide output in artificially ventilated patients, HENDERSON, A. M., *et al.* 791

P_{ACO_2}, and P_{ACO_2}, simultaneous variations in assisted ventilation, PERRIN, F., *et al.* 525
P_{ACO_2}, and P_{aCO_2}, simultaneous variations in assisted ventilation, PERRIN, F., *et al.* 525
Paediatric anaesthesia, atracurium in, NIGHTINGALE, D. A., *et al.* 115S
Paediatric patients, burned, metocurine requirements and plasma concentrations in, MARTYN, J. A. J., *et al.* 263
Paediatric ventilation, high frequency positive pressure ventilation (HFPPV) in a newborn infant with ruptured lungs, WREN, W. S., 575
Paediatrics, clinical pharmacology of atracurium in, BRANDOM, B. W., *et al.* 117S
Pain relief, by intercostal nerve blockade following cholecystectomy, MURPHY, D. F. 521
Pancuronium, and alcuronium, effects on the changes in arterial pressure and plasma catecholamine concentrations during tracheal intubation, CUMMINGS, M. F., *et al.* 619
——, and Org NC 45 in dogs, comparative investigations of the cardiovascular effects, FITZAL, S., *et al.* 641
——, and Org NC 45, onset of respiratory muscle paralysis compared with that of the hand in response to, READ, D. H., *et al.*, (*ARS*) 239P
——, and vecuronium, cardiac effects during halothane anaesthesia, ENGBÆK, J., *et al.* 501
——, and vecuronium, comparison of the haemodynamic effects in patients undergoing coronary artery bypass grafting, FERRES, C. J., *et al.*, (*ARS*) 915P
——, and vecuronium, neuromuscular blocking effects during halothane anaesthesia, ENGBÆK, J., *et al.* 497
——, atracurium and vecuronium, effects on the lower oesophageal sphincter, HUNT, P., *et al.*, (*ARS*) 1155P
——, comparison with atracurium and vecuronium (Org NC45), GRAMSTAD, L., *et al.* 955
——, conditions for tracheal intubation using atracurium compared with, TWOHIG, M. M., *et al.* 875
——, hypersensitivity to, in a patient with von Recklinghausen's disease, NAGAO, H., et al., (*C*) 253
——, suxamethonium and vecuronium, interactions with diisopropyl phenol (ICI 35 868) *in vitro*, FRAGEN, R. J., *et al.* 433
——, tubocurarine and alcuronium interactions, demonstrated in the rat phrenic nerve–hemidiaphragm preparation, POLLARD, B. J., *et al.* 1127
Pancuronium bromide, its metabolites, and vecuronium bromide (Org NC45), and its potential metabolites, neuromuscular and vagal blocking actions in the anaesthetized cat, MARSHALL, I. G., *et al.* 703
Papaveretum–hyoscine, compared with buprenorphine–hyoscine as premedicants for gynaecological surgery, SEAR, J. W. *et al.* 319
Pentazocine, comparison with buprenorphine given i.v. on demand in the control of postoperative pain, HARMER, M., *et al.* 21
Perineal pain, intractable, an alternative approach. Transsacral neurolytic nerve block, ROBERTSON, D. H. 873
Permeability factor index, (K_{cp}), and pulmonary oedema in man, ROYSTON, D., *et al.*, (*ARS*) 246P
Pethidine, and i.v. meptazinol, comparison of the respiratory depressant effects of, SLATTERY, P. J., *et al.*, (*ARS*) 245P
Phaeochromocytoma, catecholamine response during anaesthesia for, VATER, M., *et al.* 357
Pharmacodynamics, and pharmacokinetics of a single bolus dose of atracurium, WARD, S., *et al.* 355
——, pharmacokinetics and dose-response relationships of atracurium administered i.v. WEATHERLEY, B. C., *et al.* 395
Pharmacokinetic evaluation, of ICI 35 868 in man. Single induction doses with different rates of infection, ADAM, H. K., *et al.* 97
Pharmacokinetics, and pharmacodynamics of a single bolus dose of atracurium, WARD, S., *et al.* 355
——, of alfentanil in man, HULL, C J. 157S
——, of atracurium besylate in healthy patients (after a single i.v. bolus dose), WARD, S., *et al.* 113
——, of atracurium in acute hepatic failure (with acute renal failure), WARD, S., *et al.* 1169
——, of etomidate associated with prolonged i.v. infusion, HEBRON, B. S., *et al.* 281
——, of single dose i.v. morphine in normal volunteers and patients with end stage renal failure, AITKENHEAD, A. R., *et al.*, (*ARS*) 905P
——, of the infusion of alfentanil in man, FRAGEN, R. J., *et al.* 1077
——, pharmacodynamics and dose–response relationships of atracurium administered i.v., WEATHERLEY, B. C., *et al.* 39S
Phenoperidine, effects of antacids on the plasma concentration of, CALVEY, T. N., *et al.* 535
Philips AVI ventilator, pumping effect on Fluotec vaporizers, MACKENZIE, N., *et al.* 922
Physiological adjuvants, in the solution, potentiation of nerve block *in vivo* by, KIRCHA, S., *et al.* 549
Physiotherapy, for postoperative pulmonary complications, a randomized controlled trial, MORRAN, C. G., *et al.* 1113
Plasma concentration, of pyridostigmine during the antagonism of neuromuscular block, WILLIAMS, N. E., *et al.* 27
Plasma concentrations, of alfentanil required to supplement nitrous oxide anaesthesia for lower abdominal surgery, AUSEMS, M. E., *et al.* 1915
Platelet aggregation, of both normal individuals and those susceptible to malignant hyperthermia, stimulated by halothane, GERRARD, J. M., *et al.* 1249
Plethysmograph, an improved respiratory inductive, use in anaesthesia, WELLER, S. F., *et al.*, (*ARS*) 913P
Pleural pressure estimation, inaccuracy of oesophageal pressure for, in supine anaesthetized subjects, DRUMMOND, G. B., *et al.* 585
Porcine malignant hyperthermia, adenosine and leg blood flow during, HALL, G. M., *et al.*, (*C*) 253
——, i.x.: changes in the concentrations of intramuscular high-energy phosphates, glycogen and glycolytic intermediates, HALL, G. M., *et al.* 635
Positive airway pressure therapy, and cardiac output, BURLINGHAM, A. N., *et al.*, (*ARS*) 244P
Post-extubation stridor, in Down's Syndrome, SHERRY, K. M. 53
Postoperative analgesia, following abdominal surgery, assessment of transcutaneous electrical nerve stimulation (TENS), CUSHIERI, R. J., *et al.*, (*ARS*) 1162P
Postoperative methadone, compared with the effects of intraoperative methadone: acute tolerance to the postoperative dose? PORTER, E. J. B., *et al.* 325
Postoperative pain, comparison between buprenorphine and pentazocine given i.v. on demand in the control of, MARMER, M., *et al.* 21

Postoperative pain, comparison of flupirtine maleate and dihydrocodeine in patients following surgery, MOORE, R. A., *et al.* 429
——, dose–response study with indoprofen i.v. as an analgesic, RIGAMONTI, G., *et al.* 513
——, single injection spinal anaesthesia with amethocaine and morphine for transurethral prostatectomy, CUNNINGHAM, A. J., *et al.* 423
Postoperative pulmonary complications, randomized controlled trial of physiotherapy for, MORRAN, C. G., *et al.* 1113
Post-suxamethonium, muscle pain, pretreatment with vecuronium as a prophylactic against, FERRES, C. J., *et al.* 735
Posture, and the spread of extradural analgesia in labour, MERRY, A. F., *et al.* 303
——, effect on extradural pressure, SMAH, J. L., (*ARS*) 907P
Potassium, serum myoglobin and CPK release following intermittent suxamethonium administration, LAURENCE, A. S., *et al.*, (*ARS*) 907P
Preferential flow system, comparison of the fresh gas flow requirements and resistance with those of the Magill system, MILLER, D. M., *et al.* 569
Pregnancy, single dose suxamethonium and muscle pain in, TIND, G. S., *et al.* 743
Premedicants, for gynaecological surgery, comparison of buprenorphine–hyoscine and papaveretum–hyoscine, SEAR, J. W., *et al.* 319
Premedication, effect on drug absorption and gastric emptying, TODD, J. G., *et al.* 1189
——, effect on gastric emptying and drug absorption, TODD, J. G., *et al.*, (*ARS*) 241P
——, influence on the sympathetic and endocrine responses and cardiac arrhythmias during halothane anaesthesia in children undergoing adenoidectomy, SIGURDSSON, G. H., *et al.* 961
——, use of lorazepam for Caesarean section. *An evaluation of its effects on the mother and the neonate,* HOUGHTON, D. J. 767
——, with glycopyrrolate or atropine, gastric emptying following, CLARK, J. M., *et al.* 1195
Preoperative medication, for day-case surgery. A comparison between oxazepam and temazepam, GREENWOOD, B. K., *et al.*, 933
Pressor response, to laryngoscopy and intubation of the trachea, intranasal administration of nitroglycerine attenuates the, FASSOULAKI, A., *et al.* 49
Pretreatment, a new look: Suxamethonium, MASEY, S. A., *et al.* 729
——, with vecuronium as a prophylactic against post-suxamethonium muscle pain, FERRES, C. J., *et al.* 735
Prilocaine, and bupivacaine in i.v. regional anaesthesia (IVRA), McKEOWN, D. W., *et al.*, (*ARS*) 1160P
——, for i.v. regional analgesia, prolonged analgesia after cuff release, TRYBA, M., *et al.* 631
Principles and Practice of Blood Gas Analyses, ADAMS, A. P., *et al.*, (*R*) 365
Principles and Practice of Pharmacology for Anaesthetists, CALVEY, T. N., *et al.*, (*R*) 1046
Progesterone, comparison of the frequency of muscle pain associated with suxamethonium in pre- and post-ovulatory women and in those taking a combined oral contraceptive pill, REED, P. N., *et al.* 377
Prostatectomy, transurethral, single injection spinal anaesthesia with amethocaine and morphine, CUNNINGHAM, A. J., *et al.* 423
Protamine sulphate, classical pathway activation during an adverse response to, BEST, N., *et al.* 1149
Protein binding, of atracurium and other short-acting neuromuscular blocking agents and their interaction with human cholinesterases, FOLDES, F. F., *et al.* 31S
Pseudohypertrophic muscular dystrophy, unsuspected, suxamethonium-associated hypertoncity and cardiac arrest in, BUSH, G. H., (*C*) 923
Psychometric comparisons, of trainees and consultants in anaesthesia and psychiatry, BRUCE, D. L., *et al.* 1259
Psychomimetic reactions, after low-dose ketamine infusion. *Comparison with neuroleptanaesthesia,* KLAUSEN, N.-O., *et al.* 297
Psychomotor performance, after benzodiazepine premedication and general anaesthesia, MALE, C. G., *et al.*, (*ARS*) 1159P
Pulmonary deadspace, during induced hypotension, WILDSMITH, J. A. W., (*C*) 1165
Pulmonary Diseases. Medical Examination Review, LAPP, N. L., (editor), (*R*) 1275
Pulmonary embolism, massive, complicating surgery on the abdominal aorta, intraoperative diagnosis and treatment, HECKER, B. R., *et al.* 689
Pulmonary function, following i.v. *E. coli* 0111: B4 endotoxin, JONES, J. G., *et al.*, (*ARS*) 245P
Pulmonary oedema, in man, and an index of the permeability factor (*Kep*), ROYSTON, D., *et al.*, (*ARS*) 246P
Pulse polarography, and intravascular oxygen electrodes, SCOTT, I. L., *et al.* 559
Pyridostigmine, plasma concentration during the antagonism of neuromuscular block, WILLIAMS, N. E., *et al.* 27

Q-T interval syndrome, prolonged, perioperative management of, MEDÁK, R., *et al.* 361

Ranitidine, influence on uptake of oral midazolam, ELWOOD, R. J., *et al.*, (*ARS*) 241P
Rat, chronic cannulation of the extradural or subarachnoid space in the, BAHAR, M., *et al.*, (*ARS*) 250P
——, cocaine, lignocaine or bupivacaine for spinal analgesia without muscle paralysis in the, BAHAR, M., *et al.*, (*ARS*) 243P
——, cryogenic damage to peripheral nerves and blood vessels in, MARSLAND, A. R., *et al.* 555
Rat fetus, developing, effects of low intermittent concentrations of nitrous oxide on the, VIEIRA, E., *et al.* 67
Rebreathing, an evaluation with the Bain system during anaesthesia with spontaneous ventilation, MEAKIN, G., *et al.* 487
Recent Advances in Critical Care Medicine-2. LEDINGHAM, I. McA., *et al.* (editors), (*R*) 1047
von Recklinghausen's disease, hypersensitivity to pancuronium in a patient with, NAGAO, H. *et al.*, (*C*) 253
Record system, a simple, for the Apple II microcomputer, MADSEN, S., *et al.*, (*ARS*) 910P
Records, anaesthetic, the semi-automated production of, CUSHMAN, J., *et al.*, (*ARS*) 240P
Recovery, after fentanyl and alfentanil in anaesthesia for minor surgery, KAY, B., *et al.* 169S
——, from brief anaesthesia, effect of alfentanil and fentanyl, COOPER, G. M., *et al.* 179S
Rectal administration, of morphine from a sustained release hydrogel suppository, HANNING, C. D., *et al.*, (*ARS*) 236P
Regurgitation, and i.m. atropine, FELL, D., *et al.*, (*C*) 256
Renin, hypertension and vasopressin in coronary artery surgery, HAWKINS, S. S., *et al.*, (*ARS*) 1161P
Renal failure, atracurium in, HUNTER, J. M., *et al.* 129S
——, end stage, pharmacokinetics of single dose i.v. morphine in normal volunteers and patients with, AITKENHEAD, A. R., *et al.*, (*ARS*) 905P
Rescuscitation, Clinics in Emergency Medicine, JACOBSON, S., (editor), (*R*) 1275
Residual volume, changes in following oxygen breathing, BAKER, A. B., *et al.* 817
Respiration, analgesia and sedation, interactions of morphine

and methotrimeprazine in mouse and man with respect to, PETTS, H. U., *et al.* 437
Respiratory depressant effects, comparison of i.v. meptazinol and pethidine, SLATTERY, P. J., *et al.*, (*ARS*) 245P
Respiratory depression, prevention of late fentanyl-induced, after the injection of opiate antagonists naltrexone and S-20682: comparison with naloxone, FREYE, E., *et al.* 71
Respiratory duration, separate effects of halothane and carbon dioxide in vagotomized cats, NISHIMO, T., *et al.* 647
Respiratory inductive plethysmograph, an improved, use in anaesthesia, WELI ER, S. F., *et al.* 913P
Respiratory mechanics, nd sedation in man, GELB, A., *et al.* 809
Respiratory muscle dynamics, comparison with skeletal muscle dynamics during low-dose suxamethonium infusion in man, WILLIAMS, J. P., *et al.*, (*ARS*) 912P
Respiratory muscle paralysis, onset of, compared with that of the hand in response to Org NC 45 and pancuronium, READ, D. H., *et al.*, (*ARS*) 239P
Ro 15–1788, antagonizes the effects of diazepam in man without affecting its bioavailability, O'BOYLE, C., *et al.* 349
——, benzodiazepine antagonist, differential effects on the "general anaesthetic" actions of the benzodiazepines, BICHARD, A. R., *et al.*, (*ARS*) 912P

Sedation, analgesia and respiration, interactions of morphine and methotrimeprazine in mouse and man with respect to, PETTS, H. U., *et al.* 437
——, and respiratory mechanics in man, GELB, A., *et al.* 809
——, for fibreoptic gastroscopy: a comparative study of midazolam and diazepam, BERGGREN, L., *et al.* 289
Sedative effects, of drugs and anaesthetics, an auditory test of the, DODSON, M. E., *et al.*, (*ARS*) 236P
Selective contralateral bronchial intubation, in children with pneumothorax and bronchopleural fistula, BARAKA, A., *et al.* 901
Serological markers, specific, in the diagnosis of fulminant hepatic failure associated with halothane anaesthesia, NEUBERGER, J., *et al.* 15
Serum calcium, and citrate concentrations, changes during massive blood transfusions and cardiopulmonary bypass, ABBOTT, T. R. 753
Serum citrate, and calcium concentrations, changes during massive blood transfusions and cardiopulmonary bypass, ABBOTT, T. R. 753
Servo-controlled closed-circuit anaesthesia. *A method for the automatic control of anaesthesia produced by a volatile agent in oxygen,* ROSS, J. A. S., *et al.* 1053
Servo-control, of liquid anaesthetic into a closed-circuit breathing system. Uptake of isoflurane during clinical anaesthesia, O'CALLAGHAN, A. C., *et al.* 1061
Severe illness, atracurium in the severely ill, ROWLANDS, D. E. 123S
Short anaesthetic procedures, a clinical trial of alfentanil as an adjuvant for, HULL, C. J., *et al.* 173S
Siemens-Elema CO_2 Analyzer, sources of error of their correction in the measurement of carbon dioxide elimination using the, FLETCHER, R., *et al.* 177
Single induction doses, with different rates of injection. Pharmacokinetic evaluation of ICI 35 868 in man, ADAM, H. K., *et al.* 97
Single i.v. bolus dose, pharmacokinetics of atracurium besylate in healthy patients after a, WARD, S., *et al.* 113
Single twitch and tetanic responses of the adductor pollicis muscles, clinical assessment of atracurium using the, HUGHES, R., *et al.* 475
Sinus arrest, an unusual case of, KIRKWOOD, I., *et al.*, (*C*) 1273
Site of blood sampling, influence on blood concentrations of ICI 35 868, MAJOR, E., *et al.* 371
Skeletal muscle dynamics, comparison with respiratory muscle dynamics during low-dose suxamethonium infusion in man, WILLIAMS, J. P., *et al.*, (*ARS*) 912P
Sodium nitroprusside, infusion, used for closed-loop maintenance of deliberate hypotension during middle ear surgery, LOW, J. M., *et al.*, (*ARS*) 1157P
——, (SNP), measurement in plasma and its mechanism of breakdown *in vivo,* VESEY, C. J., *et al.* 906P
——, trimetaphan and glycerol trinitrate-induced hypotension, changes in cardiac output and systemic arterial pressure after insertion of acrylic cement during, VAZEERY, A. K., *et al.* 783
Some Aspects of Paediatric Anaesthesia. Monographs in Anaesthesiology Volume 10, STEWARD, D. J., (editor), (*R*) 93
Spinal anaesthesia, comparison of midazolam and diazepam as intravenous sedation during, McCLURE, J. H., *et al.*, (*ARS*) 247P
——, comparison of the i.v. administration of midazolam and diazepam as sedation during, McCLURE, J. H., *et al.* 1089
——, for Caesarean section. *The use of 0.5% bupivacaine,* RUSSELL, I. F. 309
——, single injection, with amethocaine and morphine for transurethral prostatectomy, CUNNINGHAM, A. J., *et al.* 423
Spinal analgesia, cocaine, lignocaine or bupivacaine for, without muscle paralysis in the rat, BAMAR, M., *et al.*, (*ARS*) 243P
——, subarachnoid. *Changing patterns of practice,* ROBERTSON, D. H. 1141
"Spontaneous breathing", assessment of ventilators by a model patient which has the capacity for, LYLE, D. J. R., *et al.*, (*ARS*) 250P
Spontaneous respiration, with the Bain system, HUMPHREY, D., (*C*) 922
Spinal needles, two, factors affecting cerebrospinal fluid flow in, MESSAHEL, F. M., *et al.* 169
Spinal subarachnoid space, chronic cannulation in the rat, BAHAR, M., *et al.*, (*ARS*) 250P
Spread, of extradural analgesia and posture in labour, MERRY, A. F., *et al.* 303
Squint surgery, prevention of the oculocardiac reflex in children undergoing, FRY, E. N. S., (*C*) 256
Stability, of adrenaline injection 1 in 10,000, WARK, H., *et al.* 1139
Stenosis, tracheo-bronchial, high frequency jet ventilation *v.* manual jet ventilation during bronchoscopy in patients with, VOURC'H, G., *et al.* 969
——, tracheo-bronchial, manual jet ventilation *v.* high frequency jet ventilation during laser resection of, VOURC'H, G., *et al.* 973
Stress, cardiovascular and biochemical evidence of, during major surgery associated with different techniques of anaesthesia, BLUNNIE, W. P., *et al.* 611
Stridor, post-extubation, in Down's Syndrome, SHERRY, K. M. 53
Subanaesthetic concentrations, of nitrous oxide, effect on the regulation of ventilation in man, ROYSTON, D., *et al.* 449
Subarachnoid haemorrhage, a preoperative test of cerebrovascular autoregulation following, READ, D. H., *et al.*, (*ARS*) 918P
——, SAH, intraoperative and postoperative CSF acid–base changes in relation to the outcome of patients with, BLASZCZYK, B., *et al.*, (*ARS*) 1161P
Subarachnoid spinal analgesia. *Changing patterns of practice,* ROBERTSON, D. M. 1141
Subdural space, BARROS, S., (*C*) 1043
Sublingual lorazepam: a better premedication? GALE, G. D., *et al.* 761
Supine anaesthetized patients, inaccuracy of oesophageal pressure for pleural pressure estimation in, DRUMMOND, G. B., *et al.* 585

Suppository, sustained release hydrogel, rectal administration of morphine from a, HANNING, C. D., *et al.*, (*ARS*) 236P
Surgery, end anaesthesia, effect on the pre-S-phase cell cycle kinetics of mitogen-stimulated lymphocytes of previously healthy people, ROBERTSON, A. J., *et al.* 339
Suxamethonium, a new look at pretreatment, MASEY, S. A., *et al.* 729
——, and atracurium, intubation conditions after, GERGIS, S. D., *et al.* 835
——, and halothane, modification of atracurium blockade by. *A review of clinical experience,* STIRT, J. A., *et al.* 715
——, associated hypertonicity and cardiac arrest in unsuspected pseudohypertrophic muscular dystrophy, BUSH, G. H., (*C*) 923
——, clinical and pharmacological actions of a bolus injection of two phenomena of distinct duration, d'HOLLANDER, A. A., *et al.* 131
——, comparison of the frequency of muscle pain associated with, in pre- and post-ovulatory women and in those taking a combined oral contraceptive pill, REED, P. N., *et al.* 377
——, effect of competitive myoneural blockade and tentanyl on muscle fasciculations caused by, in children, LINDGREN, L., *et al.* 747
——, following enflurane induction, cardiovascular responses in children, LINDGREN, L., *et al.* 269
——, intermittent administration, serum myoglobin, potassium and CPK release following, LAURENCE, A. S., *et al.*, (*ARS*) 907P
——, low-dose infusion in man, comparison of respiratory and skeletal muscle dynamics during, WILLIAMS, J. P., *et al.*, (*ARS*) 912P
——, repeated doses in children causing bradycardia and dysrhythmias, prevented by glycopyrrolate and atropine, GREEN, D. W., *et al.*, (*ARS*) 1163P
——, single dose, and muscle pain in pregnancy, TIND, G. S., *et al.* 743
——, vecuronium and pancuronium, interactions with diisopropyl phenol (ICI 35 868) *in vitro,* FRAGEN, R. J., *et al.* 433
Suxamethonium after-pains, postoperative ileus and pregnancy-related cholinesterase deficiency. *A Case Report,* WHITTAKER, M., *et al.* 581
Suxamethonium-induced myalgia, protective effect of thiopentone on, MANANI, G., *et al.*, (*C*) 1165
Suxamethonium infusion, prolonged, during nitrous oxide anaesthesia supplemented with halothane or fentanyl, FUTTER, M. E., *et al.* 947
Sympathetic nervous system, metoprolol, fentanyl and stress responses to microlaryngoscopy. *Effects on arterial pressure, heart rate and plasma concentrations of catecholamines, ACTH and cortisol,* MAGNUSSON, J., *et al.* 405
Synaptic ion channels, effect of general anaesthetics on, JUDGE, S. E., 191
Synaptic transmission, in the CNS, actions of general anaesthetics on, RICHARDS, C. D. 201
Systemic arterial pressure, and cardiac output, changes after insertion of acrylic cement during trimetaphan, sodium nitroprusside and glycerol trinitrate-induced hypotension, VAZEERY, A. K., *et al.* 783

Taxidermy, Charles Waterton's method, LOGAN, B. M., (*CWS*) 229
Temazepam, compared with oxazepam, preoperative medication for day-case surgery, GREENWOOD, B. K., *et al.* 933
Tetanic fade, assessment following atracurium, MADDEN, A. P., *et al.* 535
Tetanic responses, and train-of-four responses of the adduction policis muscle, assessment of atracurium in anaesthetized man, HUGHES, R., *et al.*, (*ARS*) 239P
The Challenge of Pain, MELZACK, R., *et al.*, (*R*) 1045
The Quality of Care in Anaesthesia, GRUNDY, B. L., *et al.*, (editors), (*R*) 259
Thiopentone, and chlormethiazole, comparison of the anaesthetic and haemodynamic effects, CHRISTENSEN, J. H., *et al.* 391
——, comparison of plasma concentrations and the cerebral function analysing monitor during repeated bolus injections of thiopentone, FRANK, M., *et al.*, (*ARS*) 910P
——, immune complex involvement in non-immune anaphylactoid reactions to, WILD, G., *et al.*, (*ARS*) 237P
——, protective effect on suxamethonium-induced myalgia, MANANI, G., *et al.*, (*C*) 1165
——, sensitivity, in young and elderly women, CHRISTENSEN, J. H., *et al.* 33
——, ventilatory effects produced by the i.v. administration of incremental doses of, in the dog, GAUDY, J. H., *et al.* 977
Toxicity of atracurium, SKARPA, M., *et al.* 27S
Tracheal injury, blunt trauma to the cervical portion of the trachea. *A case report,* DASH, H. H., *et al.* 1271
Tracheal intubation, conditions using atracurium compared with pancuronium, TWOHIG, M. M., *et al.* 87S
——, effects of pancuronium and alcuronium on the changes in arterial pressure and plasma concentrations during, CUMMINGS, M. F., *et al.* 619
——, plasma catecholamine responses to, DERBYSHIRE, D. R., *et al.* 855
Train-of-four responses, and tetanic responses of the adductor pollicis muscle in anaesthetized man, assessment of atracurium, HUGHES, R., *et al.*, (*ARS*) 239P
Transcutaneous electrical nerve stimulation, (TENS), assessment for postoperative analgesia following abdominal surgery, CUSHIERI, R. J., *et al.*, (*ARS*) 1162P
Transsacral nerve block, neurolytic. *An alternative approach to intractable perineal pain,* ROBERTSON, D. H. 873
Transtracheal ventilation, failed intubation, BREADY, L. L., *et al.*, (*C*) 1040
Trimeprazine, a double-blind trial comparing lorazepam, diazepam, trimeprazine and placebo. Lorazepam in children, BURTLES, R., *et al.* 275
Trimetaphan, sodium nitroprusside and glycerol trinitrate-induced hypotension, changes in cardiac output and systemic arterial pressure after insertion of acrylic cement during, VAZEERY, A. K., *et al.* 783
Tubocurarine, atracurium and dimethyl tubocurarine, histamine-releasing potencies, BASTA, S. J., *et al.* 105S
——, compared with atracurium, effects on heart rate and arterial pressure in anaesthetized man, BARNES, P. K., *et al.* 91S
——, pancuronium and alcuronium, interactions demonstrated in the rat phrenic nerve–hemidiaphragm preparation, POLLARD, B. J., *et al.* 1127
Tubocurarine chloride, "curarine", exciting and dangerous days, CECIL GRAY, T., (*CWS*) 227

Understanding Anaesthesia, CARRIE, L. E. S., *et al.*, (*R*) 1275
Urapidil, influence on intracranial pressure and intracranial compliance in dogs, PUCHSTEIN, C., *et al.* 443
Urinary gas content monitoring, evaluation in anaesthetic work; exposure to trace amounts of nitrous oxide, SONANDER, H., *et al.* 1225

Vagal blocking actions, and neuromuscular blocking actions of pancuronium bromide, its metabolites, and vecuronium bromide, (ORG NC 45) and its potential metabolites in the anaesthetized cat, MARSHALL, I. G., *et al.* 703
Vaporizers, anaesthetic, effects of carrier gas composition on the output of six, PALAYIWA, E., *et al.* 1025
Vascular reconstructive surgery, major, hepatic function after anaesthesia for, SEAR, J. W., *et al.* 603

Vasopressin, hypertension and renin in coronary artery surgery, HAWKINS, S. S., *et al.*, (*ARS*) 1161P
Vecuronium, and atracurium, ROSEWARNE, F. A., (*C*) 1042
——, and atracurium, neuromuscular blocking and autonomic effects in the anaesthetized cat, SUTHERLAND, G. A., *et al.* 1119
——, and atracurium, some effects of diisopropyl phenol (ICI 35 868) on the pharmacodynamics of, in anaesthetized man, ROBERTSON, E. N., *et al.* 723
——, and pancuronium, cardiac effects during halothane anaesthesia, ENGBÆK, J., *et al.* 501
——, and pancuronium, comparison of the haemodynamic effects in patients undergoing coronary artery bypass grafting, FERRES, C. J., *et al.*, (*ARS*) 915P
——, and pancuronium, neuromuscular blocking effects during halothane anaesthesia, ENGBÆK, J., *et al.* 497
——, BW A444U and atracurium, evaluation of cumulative properties of three new non-depolarizing neuromuscular blocking drugs, ALI, H. M., *et al.* 1075
——, comparison of muscular relaxation with atracurium and Duador under balanced anaesthesia, FOLDES, F. F., *et al.* 97S
——, for pretreatment as a prophylactic against post-suxamethonium muscle pain, FERRES, C. J., *et al.* 735
——, (Org NC 45), and atracurium, clinical comparison, ROBERTSON, E. N., *et al.* 125
——, (Org NC 45), comparison with atracurium and pancuronium, GRAMSTAD, L., *et al.* 95S
——, pancuronium and atracurium, effects on the lower oesophageal sphincter, HUNT, P., *et al.*, (*ARS*) 1155P
——, suxamethonium and pancuronium, interactions with diisopropyl phenol (ICI 35 868), *in vitro*, FRAGEN, R. J., *et al.* 433
Vecuronium bromide, (Org NC 45) its potential metabolites, and pancuronium bromide, and its metabolites, neuromuscular and vagal blocking actions in the anaesthetized cat, MARSHALL, I. G., *et al.* 703
Venous complications of two diazepam preparations related to size of vein, MARTIN, D. F., *et al.* 779
Venous pressures, generated during i.v. regional anaesthesia (IVRA), DUGGAN, J., *et al.*, (*ARS*) 1158P
Ventilated patients, artificially, a system for the continuous measurement of oxygen uptake and carbon dioxide output in, HENDERSON, A. M., *et al.* 791
Ventilation, assisted, simultaneous variations of P_{ACO_2} and P_{ACO_2}, PERRIN, F., *et al.* 525
——, high frequency positive pressure ventilation (HFPPV) in a newborn infant with ruptured lungs, WREN, W. S. 575
——, regulation of effect of subanaesthetic concentrations of nitrous oxide, in man, ROYSTON, D., *et al.* 449
Ventilation, spontaneous, an evaluation of rebreathing with the Bain system during anaesthesia with, MEAKIN, G., *et al.* 487
——, through a new emergency airway in anaesthetized man, MERRIFIELD, A. J., *et al.*, (*ARS*) 1155P
Ventilator, a new all-purpose valveless. Description and laboratory evaluation, CHAKRABARTI, M. K., *et al.* 1005
——, a new all-purpose valveless, WHITWAM, J. G., *et al.* 1017
Ventilators, assessment by a model patient which has the capacity for "spontaneous breathing", LYLE, D. J. R., *et al.*, (*ARS*) 250P
Ventilatory decreases, comparison of enflurane and fentanyl during anaesthesia, DRUMMOND, G. B. 825
Ventilatory depression, during and after infusion of alfentanil in man, O'CONNOR, M., *et al.*, (*ARS*) 905P; 2175
Ventilatory effects, during and after continuous infusion of fentanyl or alfentanil, ANDREWS, C. J. H., *et al.* 211S
——, produced by the i.v. administration of incremental doses of thiopentone in the dog, GAUDY, J. H., *et al.* 977
Ventilatory response, to carbon dioxide in normal man, effects of alaproclate and morphine, CALVERLEY, P. M. A., *et al.* 843
Ventricular arrhythmia, or supraventrical arrhythmia with aberrant conduction? An electrocardiographic study in halothane-anaesthetized children undergoing adenoidectomy, SIGURDSSON, G. H., *et al.* 861

Walton Hall, GOODCHILD, J., (*CWS*) 228
Waterton, and Wourali, SMITH, W. D. A., (*CWS*) 221
——, Charles, (1782–1865), ELLIS, F. R., (*CWS*) 221
——, medical interests, SMITH, W. D. A., (*CWS*) 231
Waterton Symposium, CONDON, H. A., (*C*) 1041
Women, young and elderly, thiopentone sensitivity in, CHRISTENSEN, J. H., *et al.* 33
Work of breathing, change imposed by five anaesthetic breathing systems, KAY, B., *et al.* 1239
Wourali: analysis and bioassay, COOKE, J., *et al.*, (*CWS*) 225
——, and Waterton, SMITH, W. D. A., (*CWS*) 221

Zopiclone, orally administered, effect of atropine and metoclopramide on the plasma concentrations of, ELLIOTT, P., *et al.*, (*ARS*) 1159P